



# ROUTES

IN THE

## BOMBAY PRESIDENCY.

COMPILED FROM DOCUMENTS

IN THE OFFICE OF THE

Quartermaster-General of the Bombay Army.

G. R. S. BURROWS, BRIGADIER-GENERAL,

QUARTERMASTER-GENERAL.

QUARTERMASTER-GENERAL'S OFFICE,

Poona, 1st January 1876.

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WITH TWO MAPS.

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## PREFACE.

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THE printing of this, the Third Edition of ROUTES IN THE BOMBAY PRESIDENCY, was commenced in 1873; the whole of the Papers, Routes, &c., have undergone a thorough revision during the last two years, and much valuable information has been collected from the following sources:—

1. Routes, Maps, and information among the Records in this Office.
2. Progress Reports of Regiments and Detachments.
3. Surveys of Officers of the Department and their Guides, specially undertaken for the book.
4. Information given by Political and Civil Officers.
5. Journals and Sketches of Officers not connected with the Department.
6. The Madras and Bengal Route-Books.

As, in spite of every care, the book doubtless contains some errors and deficiencies, any Officer who may have the means, from personal observation, of correcting them, will benefit the Service by communicating with the Quartermaster-General's Department.

To those Officers who have already taken the trouble to furnish information to the Department for this book, the Quartermaster-General offers his best thanks and acknowledgments.

G. R. S. BURROWS, Brigadier-General,  
Quartermaster-General.

*Quartermaster-General's Office, Poona,*  
1st January 1870.



## ABBREVIATIONS.

T.—Travellers' Bungalows.

P.—Post Office.

T.—Telegraph Station.

# INDEX.

## FROM AHMEDABAD.

No. of Rows.	TO	BY	DISTANCE.		No. of Stages.
			Miles.	Furlongs.	
1	Alcoa	Besamlingpur, Pahlampoor, and Anand	127	24	14
7 and 113	Do.	Do. and the Ghirra Pass...	123	0	13
3	Do.	Deesa and Anand...	145	4	15
3 (1)	Baroda	Kaira and Nohel	74	64	7
...	Do.	Mohamedabad and Nohel	72	64	4
...	Bhoj	Shikol, Drangira, Halvad, and the Kajoor ford of the	...	...	...
...	Do.	Bacca	210	41	28
...	Do.	Shikol, Drangira, Halvad, and the Yessur ford	212	7	19
10 (1) and 22 (1)	Do.	Do. do. and Malha	207	6	18
...	Do.	Kurra, Bahadrapoor, Andhar, and Doodra	234	61	21
...	Do.	Veerangam, Drangira, and the Kajoor ford	202	14	18
...	Do.	Baroda	124	71	11
...	Do.	Kaira and Omata	119	23	10
...	Do.	Dehvan	112	01	11
...	Do.	Kaira	89	64	6
...	Canbay	Moonra, Dehvan, and Hukla	84	8	9
...	Champanoor	Kyana and Sahpoo	83	7	9
...	Deesa	Purnatj and Ahmednagar	81	7	8
...	Medur	Baroda	63	8	5
...	Do.	Dundooka and Warkla	126	03	11
9 (1)	Gogo	Do. Warkla and Bhovangpur	124	9	12
...	Do.	Dholia and Dundooka	124	6	12
...	Do.	Baroda and Marwa	127	6	14
...	Do.	Dehvan	94	0	3
...	Harola	Bahadrapoor, Nuggur Parkar, and Racca Bazar	262	34	26
...	Hyderabad	Veeravay, Isankota, and Wunga Bazar	342	21	29
...	Do.	Nuggur Parkar, Isankota, Milton, and Goolan	...	...	...
...	Do.	Trala	251	01	26
...	Jocho Bander	Veerangam, Drangira, and Marwa	162	72	15
...	Do.	Do. Wadva, and Wankaseer	178	41	18
...	Kaira	Barwa	84	44	8
...	Rhoon Bander	Dholia, Keta, and Dholia	78	41	8
...	Karrackee	Nuggur Parkar, Racca Bazar, and Tatta	438	21	34
...	Do.	Do. do. Wunga Bazar, do.	422	1	33
...	Do.	Veeravay, Isankota, Wunga Bazar, and Tatta	414	1	33
...	Mhow	Moonra, Thera, Gola, Dohad, Bhagwan, Amjha, and	...	...	...
...	Do.	Dhar	228	1	23
...	Do.	Kuppavay, Veeravay, Loosavay, and Dohad	244	3	23
...	Meemach	Harola, Khidwari, and Oodpoo	231	34	21
...	Do.	Do. Marwa, Bhavara, and Parbhargh	244	3	26
...	Do.	Do. do. do. do.	228	7	21
...	Do.	Do. Dongarpoo, and Parbhargh	223	5	23
...	Do.	Do. Khidwari, and Saloombar	242	41	22
...	Do.	Do. Dongarpoo, do.	222	64	23
...	Do.	Do. Khidwari and Oodpoo	226	44	26
...	Do.	Do. do. do. and Kithwari	223	1	22
...	Do.	Do. and do.	123	01	14
...	Oodpoo	Besamlingpur	86	61	9
...	Pahlampoor	Veerangam	87	71	7
...	Pakra	Kurra	72	71	7
...	Purnatj	Veerangam and Warkla	123	61	13
...	Rajpota	Samud, Bhagpur, Warkla, and Moodra	123	01	12
...	Roonagum	Kurra and Purnatj	127	01	11
...	Tunkaria Bander	Kaira, Harol, Omata, and Jumbhoseer	112	51	10
...	Do.	Do. Pichad, and Dehvan	58	41	9
...	Do.	Do. and Canbay	81	61	8
...	Do.	Do. and Veerangam	83	8	7
...	Wadva	Samud and Bhagpur	70	71	6

No. or Route.	TO	BY	Distance.		No. of Miles.
			Miles.	Paras.	
FROM AHMEDNUGGER.					
23 (1) and 24 (2)	Ahmednugger	Barod	44	4	1
23 (1)	Amesbury	Tola, Ahmednugger, Ajanta, and Borhanpur	210	14	17
23 (1)	Do	Do do Ahmednugger, and Borhanpur	211	14	17
23 (1)	Aurangabad	Do	68	4	8
23 (1)	Borhanpur	Karnata and Borhanpur	106	6	12
23 (1)	Bombay	Barod, Chakra, Khandalla, Parvat, and Tanna	178	10	14
23 (1)	Do	Do Khand, do do do	182	10	14
23 (1)	Do	Do Khand, do do do	200	12	16
23 (1)	Do	Jessar, Mahal, Ghant, and Bhawaly	176	10	14
23 (1)	Do	Male, Mahal, Mahal, Ghant, do	168	10	14
23 (1)	Do	Kolhar, Mahal, Warhat, Ghant, and Harad	185	11	15
23 (1)	Do	Do do Barad, Ghant, Pahal, and Pahal	190	11	15
23 (1)	Do	Do do do do do do	90	5	7
23 (1)	Do	Do do do do do do	91	5	7
23 (1)	Do	Do do do do do do	48	3	4
23 (1)	Do	Do do do do do do	52	3	4
23 (1)	Do	Do do do do do do	108	6	8
23 (1)	Do	Do do do do do do	96	5	7
23 (1)	Do	Do do do do do do	212	12	16
23 (1)	Do	Do do do do do do	110	6	8
23 (1)	Do	Do do do do do do	134	8	10
23 (1)	Do	Do do do do do do	98	6	8
23 (1)	Do	Do do do do do do	70	4	5
23 (1)	Do	Do do do do do do	119	7	9
23 (1)	Do	Do do do do do do	136	8	10
23 (1)	Do	Do do do do do do	141	8	10
23 (1)	Do	Do do do do do do	180	10	12
23 (1)	Do	Do do do do do do	83	5	7
23 (1)	Do	Do do do do do do	128	7	9
23 (1)	Do	Do do do do do do	134	8	10
23 (1)	Do	Do do do do do do	134	8	10
23 (1)	Do	Do do do do do do	221	13	17
FROM ASSEMERGURH.					
23	Ahmednugger	Borhanpur, Ajanta, Aurangabad, and Tola	210	14	17
23	Ajanta	Borhanpur	68	4	8
23	Borhanpur	Borhanpur	190	11	15
23	Borhanpur	Borhanpur	203	12	16
23	Borhanpur	Borhanpur	207	12	16
23	Borhanpur	Borhanpur	177	10	14
23 (1)	Borhanpur	Borhanpur	118	7	9
23 (1)	Borhanpur	Borhanpur	116	7	9
23 (1)	Borhanpur	Borhanpur	61	4	5
23 (1)	Borhanpur	Borhanpur	113	7	9
23 (1)	Borhanpur	Borhanpur	186	11	15
23 (1)	Borhanpur	Borhanpur	68	4	5
23 (1)	Borhanpur	Borhanpur	137	8	10
23 (1)	Borhanpur	Borhanpur	26	1	2
23 (1)	Borhanpur	Borhanpur	189	11	15
23 (1)	Borhanpur	Borhanpur	143	8	10
23 (1)	Borhanpur	Borhanpur	143	8	10
23 (1)	Borhanpur	Borhanpur	68	4	5
23 (1)	Borhanpur	Borhanpur	78	4	5
23 (1)	Borhanpur	Borhanpur	183	11	15
23 (1)	Borhanpur	Borhanpur	184	11	15
23 (1)	Borhanpur	Borhanpur	180	11	15
23 (1)	Borhanpur	Borhanpur	178	11	15
23 (1)	Borhanpur	Borhanpur	167	10	14
FROM BARODA.					
23	Ahmednugger	Barod and Khand	74	4	5
23	Ahmednugger	Dubhar, Chota Chakrapur, Khandra, and Akharpur	203	12	16

No. of Bowls.	TO	BY	DURATION.		No. of Bowlers.
			Miles.	Parcours.	
51 (1)	Bhoj	Philwad, Limner, Wadwan, Dhivrad, and Kajecor Ford of the River	228	8	94
51 (2)	Do.	Do. Dabka, Ekapor, do. do.	228	1	23
4 (1)	Broach	Megaram	50		4
52	Cansary	Omata	42		4
183	Dhoola	Drook, Sewan, Songarh, and the Kondebarro Ghant	223	23	19
64, 120 and 128	Do.	Dabkoo, Rajpota, and Kockurmoodea	171	17	17
51	Harebo	Gomark, Dabro, and Kippuram	80	34	7
53	Jowargarh	Philwad, Dandooka, Jhachan, Gonsell, and Jakpor	218	35	50
56	Jooria Dander	Do. Limner, and Wadwan	229	35	90
57	Maligam	Broach, Sewan, Songarh, and the Kondebarro Ghant	228	35	19
58 (1)	Mhar	Gadra, Dohad, Jaboo, Bhagwar, Ambar, and Dhar	206	1	21
58 (2)	Do.	Dabkoo, Chola Cuckpor, Kootree and Bhagwar	235	8	23
58 (3)	Do.	Do. do. do. do. Bore, and Bhagwar	218	8	21
58 (4)	Do.	Do. do. do. do. Kival, and Kharro Ghant	214	7	26
59 (1)	Kewarh	Gadra, Dohad, Philwad, Nathan, Jowra, and Munde-ore	227	31	36
59 (2)	Do.	Gomark, Dabkoo, Beroor, Barwara, and Parthalgarh	272	9	37
60	Ko-keebad	Beroor, Kharwara, and Cuckpor	247	4	31
61	Udypoor	Do. and do.	204	1	25
61	Poorwar	Philwad, Dandooka, Gonsell, Jakpor, and Dhoraga	225	13	19
62	Rafate	Do. do. and Falled	176	7	17
63	Do.	Do. Dabka, Ekapor, and Wadwan	186	5	16
63	Rajpota	Dabkoo	51	31	8
4 (1) and 27	Sawal	Beroor	50	3	8
61	Tanlaria Dander	Jumbor	46	3	4
61 (1)	Wadwan	Philwad and Limner	113	7	14

FROM BELGAUM.

78 (1)	Beaspoore	Kaladghre	123	5	19
78 (2) and 181	Do.	Rahlong and Nungre	130	24	72
62	Dharwar	Katore	47	2	4
68	Goa	The Bann Ghant	68	3	6
67	Gajendurgurh	Nargood	102	3	9
68	Kaladghre	Kaladghre	73	4	7
69 (1)	Karnar	Klasnpoore, Decker, Haldhal, Y. K. Nungre, and the Arbyle Ghant	140	61	12
69 (2)	Do.	Do. do. do Kya Ghant, and Maltypoor	130	4	11
70	Kolapoor	Nepoore	69	21	6
71	Kosamp	Klasnpoore, Brocker, Haldhal, the Arbyle Ghant, and Bawal	134	4	11
72 (1)	Malwan	The Parpoor Ghant	83	6	6
72 (2)	Do.	The Bann Ghant	91	9	9
73	Poonchagurh	Netoor, Chikore, Kagnur, Tarpoo, and Poonchawee	218	20	20
78, 172 and 210	Do.	Kolapoor, Peltara, and the Karmay Ghant	213	31	19
74 (1)	Do.	The Parpoor Ghant and Virginia	16	1	8
74 (2)	Do.	The Bann Ghant	78	3	9
75 (1)	Do.	Nepoore, the Theoda Ghant, and Tarpoo	174	13	16
75 (2)	Do.	Do. Kolapoor, and the Aupa Ghant	149	7	13
75 (3)	Do.	Ajra, the Theoda Ghant, and Rajapoor	181	7	18
76	Settara	Netoor, Chikore, Kagnur, and Maymatpoor	181	61	12
70 and 172	Do.	Kyngore, Kolapoor, and Kurnae	148	3	13
77	Seventy gurre	The Parpoor Ghant	61	2	6
78 (1)	Sholapoor	Kaladghre and Beaspoore	181	6	18
78 (2)	Do.	Hyrny, Annapoor, and Netoor	168	11	16
79	Rodchewghur	Haldhal, Syry, and the Kagnurghre Ghant	131	12	10
80 (1)	Victoria	Parpoor Ghant	78	4	7
80 (2)	Do.	Bann Ghant	77	5	8
81 (1)	Vidharong	Nepoore and the Poonch Ghant	138	4	12
81 (2)	Do.	Ajra do. do.	117	12	11
81 (3)	Wagrat Bandur	Do. do. do.	128	9	11

FROM BHOOJ.

2 (1)	Approved	The Katoona Ford of the River, Mahand, Dranglun, and	210	4	18
85 (1) and 14 (1)	Do.	Mirij	214	6	21
81 (1)	Do.	Duolje Andrie, Endimpor, and Kurree	249	6	30
82 (2)	Do.	Edwya, Negera Parket, Yereaw, and Chelton	278	6	31
	Do.	do. do. do. Tassara and Chelton			



No. of Route.	TO	BY	DISTANCE.		No. of Stages.
			Miles.	Parangs.	
108 (3)	Poon	Lahera, Poldpoor, Bader, the Bhopa Ghant, and Khadr.	86	6	8
111 (1)	Pandarpoor	Khad, Poldpoor, the Warruck Ghant, Bhoer, & Pindara	123	32	18
111 (2)	Do.	Chilpoor, Koombaries Ghant, Mulkarph, Ootarna, and Maynes	178	12	18
109	Bathagberry	Odipoon and Sengumeshwar	98	42	8
110 (1)	Sattara	Khad, Poldpoor, the Ambae Halls Ghant, and Mahabharat	90	42	8
110 (2)	Do.	The Ambae Ghant	57	12	8
110 (3)	Do.	Chilpoor, the Koombaries Ghant, and Paktan	108	8	8
111 (1)	Shahpoor	Khad, Poldpoor, the Warruck Ghant, Bhoer, Pindara, and Pandarpoor	229	7	21
111 (2)	Do.	Chilpoor, Koombaries Ghant, Mulkarph, Ootarna, and Pandarpoor	217	42	19
112	Vingoch	Chilpoor, Bolepoor, and Kunkowise	186	21	17

## FROM DEESA.

113	Alho	Madder and Amadra	51	8	6
1	Almohabad	Bethpoor and Mywara	91	7	9
187	Ajmore	Sorobee, Kripkora, Palis, and Nyamaggar.	227	14	23
116 and 29 (2)	Bahoor	Dhammaya and Gerra	151	9	9
62 (1)	Bhoj	Rahdipoor, Ardykr, and Doodye	193	6	17
83 (2)	Do.	Do. Moone, and do.	199	6	17
121 (2)	Doorgapoor	Pahimpoor and Bader	123	6	11
121 (1)	Bader	Pahimpoor	68	6	6
118	Benapoor	Betrobies	88	7	8
114	Gogo	Paktan, Varrumgum, and Lahera	214	04	19
116	Gadhia	Dhammaya and Gerra	182	12	11
120	Hurula	Oomla and Banchingur	88	6	8
116 (1)	Hyderabad	Bosagum, Haggur Parkur, Koonka Bazar, & Baidewat	219	2	21
116 (2)	Do.	Do. Varrum, Lakunkota, and Wanga Bazar	280	04	23
116 (3)	Do.	Bachora, Tampoo, Oomokoto, and Alliyar-in Tande	295	42	24
117	Jeykumar	Bahoor	215	7	15
118	Joodpoor	Sorobee and Palis	180	1	16
121 (1)	Khatwara	Bader	123	4	11
110 (1), 10 (1) and 12 (1)	Karnakhe	Bosagum, Haggur Parkur, Koonka Bazar, Baidewat, and Tetia	272	04	27
119	Mandree	Rahdipoor, Ardykr, Anjar, and Almohada	227	14	19
120	Maw	Banchingur, Hurula, Bader, Loonevwa, Dohad, and Dhar	303	21	26
121 (1)	Neemab	Bader, Khatwara, and Oodypoor	223	61	23
121 (2)	Do.	Do. do. and Banchingur	283	21	24
121 (3)	Do.	Do. Doorgapoor, and do.	292	04	23
121 (4)	Do.	Do. do. and Parthagurth	248	5	23
121 (5)	Do.	Sorobee, Kripkora, and the Ghantabhoor Pass	246	6	21
116 (1) and 10 (1)	Swagur Parkur	Bosagum	104	1	7
122	Koonwabad	Sorobee, Kripkora, Palis, and Nyamaggar	226	14	23
123	Oodypoor	Sorobee, and the Moone Pass	142	42	12
121 (1) and 16 (1)	Do.	Pahimpoor, Bader, and Khatwara	174	12	18
116 (2)	Oomokoto	Bachora, Tampoo, and Ghakora	201	1	17
121 (1)	Pahimpoor	Do.	78	8	8
124	Rajkote	Paktan, Varrumgum, and Warruck	191	21	16
125 (1)	Bhoer	Bahoor and Jeykumar	204	2	24
125 (2)	Do.	Oomokoto	401	2	21
126	Sorobee	Roodur	65	54	6
129	Tetia	Bosagum and Koonka Bazar	216	0	20
	Do.	Do. and Wanga Bazar	261	64	23

## FROM DEOLALEE.

25	Almohadaggar	Hada, Shinar, and Koler	96	7	9
23	Dombay	The Tall Ghant and Janna	112	0	10
230	Kilkee	Shinar, Sengumeshwar, and Chakun	124	61	12
187	Mulligum	Nesek and Chakora	75	21	7
127	Nesek	Do.	7	64	1
230	Poon	Shinar, Sengumeshwar, and Chakun	120	4	12
25	Tanna	The Tall Ghant	80	21	8
129	Trishuk	Nesek	26	21	8

No of Boats	TO	BY	DEPART		No of trucks
			Miles	Trucks	
FROM DHARWAR					
40	Balganga	Kashoor	47	9	4
130	Balganga	G. S. 2. Humpson and Co. Patala	148	7	14
130 (1) and 138	Balganga	Hoodless 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000	117	31	11
130	Do	Hoodless 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
130	Go	Do	101	1	11
13					

No of Boats	TO	BY	Duration		No of Stages
			Miles	Partings	
118 (1)	Deesa	Dudhooa Raona, Bazar, Huggir Parkur and Soogam	279	8	21
119 (2)	Do	Wing, Bazar, Inamlate, Veerwar and Soogam	286	9	22
119 (3)	Do	Allyva in Penda, Comariote, Lampoo and Bakhara	298	10	24
123 and 176	Jacobabad	Kotree, Sukwa and Larkhana	254	11	21
149	Jays thames	Mampoo and Kijora	218	6	17
150	Jodhpur	Comariote and Bahmar	222	4	12
151 (1) and 152 (1)	Khaty Bar dar	Tatta, Kotree and Ghonbarce	118	7	10
154 (1) and 82 (1)	Khyppoo	Halla and Bakhara	175	2	16
154 (2)	Do	Shayoo Bhat	169	0	20
151 (1)	Kotree	Do	4	0	1
151 (1)	Kurichas	Kotree and Tatta	118	1	10
151 (2)	Do	Kotree and Bhoole Khata, Bham	109	8	18
151 (3)	Do	Kotree, Allyva, Jowag Shikha and Bura Pattanama	106	8	19
151 and 176	Larkhana	Do and Sukwa	180	4	17
152 (1)	Mampoo Batters	Mahomed Khan in Trade	55	2	6
152 (2)	Do	Darro	56	4	5
153 (1)	Mupper Parkur	De Khona and Raona in Boma	214	1	14
156	Comariote	Allyva in Trade	94	3	7
154 (1)	Boma	Halla and Bakhara	208	6	17
154 (2)	Sukwa	Kotree and Maykote	90	7	8
154 and 180	Shikupoor	Do, Sukwa and Larkhana	221	2	20
154 (1) and 159	Do	Halla, Narsim and Sukkur	229	4	21
154 (2)	Sukkur	Do and do	210	3	18
154 (3)	Do	Shayoo Bhat and Lookman in Trade (direct)	186	1	22
154 (4)	Tatta	Kotree and Jinnah	57	0	1

FROM JACOBABAD

156 (1)	Dadar	Bugi	119	8	7
168 (2)	Do	Chudara and Steora in	143	9	4
Lo and 276	Danghwa Khan	Kamora and Vabwaio	238	6	19
176 (1)	Kahra	Djara on the Boogio hills	129	74	10
Lo (2)	Do	Pelajo	181	2	11
	Do	Do and Lohra	137	2	11
177 (1)	Melak	Chudara the Woods, Fim, and Bohrah	217	8	21
187 (2)	Do	Do do and Khodra	270	6	21
187 (3)	Do	Do do Puki Khura, and Zehra	235	6	21
26	Do	Dakar and Qorta	206	7	20
168	Kandkoto	Haram kro Garbo	16	84	4
181	Ajra Garbo	Rahin	73	6	9
163	Kamora	Kandkoto	78	6	9
178	Larkhan	Nabbe Shah	63	44	4
276	Qorta	Dadai and the Bohn Flax	180	4	18
Lo	bi Warper	Hara yon	26	74	9
180	Bakura	Do do and Sh Larora	48	0	0

FROM JEYSULMEER

117	Dikaneer	Vaporo	24	8	6
210 and 2, 6 (1)	Buckner	Pokura	197	7	12
117	Dora	Huon and Gura	218	0	12
119	Hydral and	Mj m and Akysika Tenda	218	0	12
210	Joodner	Pokura	173	2	14
210 and 223	Nu aenala?	Do and Joodner	248	0	24
L5 (1)	Boro	Gataroo or Birdy and Brumer	148	3	

FROM KAHUN.

283	Bayh	Through the Mirror Hill	140	0	11
278 (1)	Daya		40	0	8
156 (1)	Jacobus I	Daya and Human Lee Garbis	190	74	10
176 (2)	J of res		57	4	5
184 (3)	Polayus		68	0	7
184 (1) and 25.	Shakmoor	Daya and Human Lee Garbis	149	04	10





No. of Rivers.	TO	BY	Distances.		No. of Rivers.
			Miles.	Furlongs.	
182 (1)	Gundara	Kumbhar and Thall	104	44	8
178 & 183	Hyderabad	Shewas and Kotra	186	41	17
183	Jacobabad	Dost Ali and Khyra Gurba (along the frontier)	86	34	6
183	Khyra Gurba	Dost Ali	83	51	4
178	Kurrachee	Shewas	234	31	32
189 (1) & 278	Qasbi	Khyra Gurba, Kinnah, Bhang, Dastar, and the Bokas Pass	231	4	18
178	Sakwa	Dastar	89	8	9
180	Shikarpoor	Kewas Dera	40	6	3
181	Shikar	Do. and Mackleyes	46	4	4

FROM MALLIGAUM.

99	Ahmednagar	Mumbar, Kopyergum, and Kolar	110	41	8
184	Ajanta	Mohambara, Bhargum, and Gondomoo	96	7	9
45	Asseergum	Borakood, Berrakole, Sowda, and Doorhanpur	143	41	11
185 (1)	Aurangabad	Mumbar and Berrakole	96	0	8
185 (2)	Do.	Kandigum and the Kassar Bara Ghant	81	0	7
57	Baroda	The Kandahara Ghant, Sogurh, Berrak, and Branch	228	31	19
180, 180, & 63	Do.	Nek, Kookarumooda, Rajpoota, and Dabhoi	218	21	20
127 & 86	Bombay	Kasht and Tanna	181	6	18
87	Borach	The Kandahara Ghant, Sogurh, and Berrak	178	3	18
184	Bulwer	Lower, Abboona, the Cherrase Ghant, and Boddiga	118	14	10
187 (1)	Chopra	Dhoola	77	8	7
187 (2)	Do.	Dharrungum	80	4	7
127	Deolake	Chandora and Kasht	78	31	7
141	Dhoola	Jherga	38	0	3
187 (3)	Dharrungum	Parola	63	0	8
188	Kookarumooda	Gains and Kunderbar	93	71	8
141 & 142	Mhow	Dhoola, Berrak Ghant, and Khil	178	41	18
48 & 46	Do.	Asseergum and the Berrak Ghant	236	6	20
180	Mijyas	Jherga and Kinnah	70	0	18
93	Moom	Kopyergum, Kopyergum, and Chakun	178	21	18
29 and 24	Do.	Ahmednagar and Berrak	184	3	18
180	Rajpoota	Dhoola and Kookarumooda	178	6	18
191	Rani	The Kandahara Ghant	147	0	18
187 and 98	Tanna	Kasht and the Tall Ghant	186	29	14

FROM MHOW.

182	Agri	Indora, Shajhpur, Berra, Goma, Berrak, and Gwalior	380	3	31
11 (1)	Ahmednagar	Dhar, Amliera, Bopwar, Dohad, Goma, Tanna, and Meodra	236	1	21
48	Asseergum	The Marala Ghant	96	0	9
182 (1)	Angar	Indora and Shajhpur	103	0	9
182 (2)	Do.	Do. and Ojha	81	0	18
182 (3)	Do.	Do. Derrak, and Ojha	101	7	18
182 (4)	Do.	Do. Ojha, and Mahipoor	109	8	18
178	Bellat	Hindia	183	8	17
83 (1)	Berrak	Dhar, Amliera, Bopwar, Berra, Dohad, and Goma	236	14	21
180	Bhopal	Halla Pappia, Akhta, and Berra	180	2	18
180	Derra	Dhar, Dohad, Loomwara, Derrak, Harrolo, and Berraknagar	881	31	29
14 (1)	Dhar	Kinnah and the Berrak Ghant	33	31	4
142	Dhoola	Indora, Shajhpur, and Berra	147	0	12
182	Goma	Do. do. and Berrak	186	0	18
108	Gwalior	Halla Pappia, Akhta, and Berra	229	8	28
186	Hindia	Halla Pappia, and Unakoda	96	7	18
191	Hoshangabad	Do. do. Jeergum, and Berrak	148	3	14
182	Indora	Majha and Berrak	13	6	1
186 (1)	Jerra	Hindia & Bellat	100	11	10
186	Kannara	The Marala Ghant	236	3	28
180	Kinnah	Indora, Ojha, Agri, Halla Pappia, and Mahipoor	78	14	7
183 (2), 286, 222, & 111 (1)	Kota	Do. & do.	73	0	6
180 (2)	Mahipoor	Kinnah, Berrak Ghant, and Dhoola	178	41	13
142 and 141	Malligaum	The Marala Ghant and Asseergum	236	6	20
40 and 187	Do.	The Jam Ghant	31	2	2
182 (1)	Mandla	Bulwer, Jerra, and Mandla	143	0	16



No. of Route.	TO	BY	Distance.		No. of Mags.
			Miles.	Furlongs.	
FROM NUSSEERABAD.					
192, 118 and 113	Abes	Palke, Krippeora, Seerches, and Badoor	314	71	21
918	Agro	Jeypoor	224	74	21
16 (1)	Ahmedabad	Oddeypoor and Khatwara	226	81	26
216	Ajmere	...	13	04	1
918 and 904 (1)	Angur	Newnath and Mandosore	237	9	21
222 and 226	Do.	Bombay, Kota, and Jhalra Patnam	231	74	18
916	Awa	Syamsagar and Seefol	111	12	13
917 (1)	Bahawalpoor	Kagoor and Bockanest	309	4	23
917 (2)	Do.	Karnool, Hamal, and Bockanest	530	0	23
229 and 189	Bahoor	Joddepoor	238	44	21
80	Bardoa	Oddeypoor, Khatwara, and Badoor	247	44	31
917 (1)	Barkness	Kagoor	163	0	14
230	Bombay	Jhalpoor	91	73	21
128	Daam	Syamsagar, Palke, Krippeora, and Seerches	226	13	28
918	Dahil	Bamot, Kota, and Bwara	238	6	21
919	Daloo	Bwara	56	81	8
182 and 118	Darapoor	Palke	146	21	18
230	Goona	Bombay and Kota	228	13	21
231	Gwalior (Moor)	Berra Lumbh, Diggor, Jullah, Khonahguck, and K...	238	6	23
918 and 917 (1)	Hamal	Kota and Karnool	240	04	22
226 and 210	Jeyshammer	Khatwara	81	81	7
223	Jhalra Patnam	Joddepoor	276	0	24
224	Joddepoor	Bombay and Kota	171	24	14
226	Jhalpoor	Khatwara	119	6	10
917 (1) and 918 (2)	Jhalpoor	Bwara	61	74	21
220	Khatwara	Kagoor and Bockanest	270	0	23
918 and 196 (1)	Kota	Bombay	116	74	11
917 (1)	Mhow	Newnath	227	3	22
217 (1)	Kagoor	Bamot	94	0	8
913	Newnath	Bardoa	184	3	13
16 (1)	Oddeypoor	Syamsagar and Bwara	146	8	12
223 and 210	Palke	Syamsagar, Chundwara, and Seefol	97	42	11
234	Palkora	Joddepoor	309	0	19
128 and 118	Seerches	Kota and Seerol	249	24	23
229	Shalpoor	Syamsagar, Chundwara, Palke, and Bockanest	180	41	17
916 and 917 (2)	Shalpoor	Bombay, Kota, Jhalra Patnam, and Angur	223	21	21
226	Shalpoor	Kota, Hamal, and Bockanest	228	4	27
226	Tank	Powless	73	42	7
FROM POONA.					
31	Ahmednagar	Boror	78	69	5
227	Barras	Palke, Indrapoor, and Tambornao	128	04	12
228	Berjeppoor	Bombay, Pholton, and Pindolpoor	191	1	18
940, 178, and 70	Bhatnagar	Bhatnagar and Khatwara	218	23	20
78	Do.	Poonawale, Tagore, Khatwara, and Gotoor	218	04	20
229	Cherbury	Cherbury and Bwara	300	11	9
80	Cherbury	Cherbury and Bwara	114	11	19
230	Cherbury	Khatwara, Pindol, and Tarnas	80	14	18
230	Cherbury	Khatwara, Pindol, and Tarnas	129	4	21
227	Indrapoor	Cherbury, Pindol, and Tarnas	83	44	2
231	Joddepoor	Cherbury and Pindol	84	14	2
80	Khatwara	Khatwara, Wargan, and Khatwara	48	13	4
230	Khatwara	The Wadley bridge	4	04	1
229	Mahabharat	The Khatwara and Khatwara Ghats, Wargan and Pindol	79	14	7
223	Mallapoor	Cherbury, Pindol, and Khatwara	170	21	15
21 and 20	Do.	Ahmednagar and Boror	184	3	13
231	Mandar Deo	The Khatwara Ghats and Seerol bridge	43	01	3
220 and 27	Mishra	Khatwara, the Bore Ghats, Wargan, and Bwara	80	24	7
221 (1)	Mishra	The Bore Ghats and Pindol	87	24	9
226 (2)	Do.	Do. and Jambhodipora	80	24	7
226 (3)	Do.	The Bore Ghats	81	04	6
226 (4)	Do.	Cherbury, Pindol, and Khatwara	129	21	19
227	Ochra	The Bore Ghats and Pindol	77	0	7
227	Ochra	Do.	88	8	7
228	Pindol	Do.	71	6	6
228	Pindol	Do.	68	74	7



No. of Route.	TO	BY	DURATION.		No. of Stages.
			Miles.	Postage.	
FROM SATTARA.					
38 (1)	Ahmednuggur	The Salpe Ghant, Near Bridge, Scope, and Dand	134	04	11
940 and 81	Do.	The Karmatke and Karmat Ghanta, Poona, and Seroor	141	04	12
289	Bejapoor	Poonaswika, Khamapoor, and Jain	133	01	11
110 (1) and 98 (1)	Bombay	Mainabhadur, the Pithurghat Ghant, Mhar, and Nagotam	143	06	11
110 (1)	Deposits	Do. do. Palsapoor, and Khad	99	44	3
186	Kaladighe	Tangann, Terdal, and Moodkol	180	7	13
172	Kolapoor	Kurur	78	44	7
179	Kurur	Omaru	81	04	3
110 (1)	Mainabhadur	Mahra and Kaligurk	22	0	3
110 (1), 98 (1), 226 (1), and 228	Parwall	Mainabhadur, Mhar, Nagotam, and Pann	148	5	14
940	Poon	The Karmatke and Karmat Ghanta (now road)	67	4	6
23 (1) and 73	Do.	The Salpe Ghant, Near Bridge, Japoor, and the Dwaru Ghant	73	44	7
220	Do.	The Karmatke Ghant, Sakur Khind, and the Dwaru Ghant	74	34	8
251	Poorndhar	Do. do. Kharu, and the Sakur Khind	82	4	8
203	Do.	Do. do. and Kaldharu	43	44	5
203	Pundarpur	Harwad	91	04	7
203 (1)	Ramabhadur	Kulhar Pak and the Koombarke Ghant	116	04	11
203 (2)	Do.	The Mulla Ghant	20	14	9
203 (3)	Do.	The North Tawra Ghant and Otiplean	20	0	9
22 (3)	Seroor	The Salpe Ghant, Near Bridge, Scope, Kalyanna, and Aligyan	39	44	8
223	Takapoor	Harwad and Pundarpur	130	34	11
FROM SEROOR.					
23 (1)	Ahmednuggur	Tam	33	04	8
23 (2)	Aligyan		18	5	1
23 (3)	Bombay	Obharu, Khindale, Parwall, and Tama	142	44	13
23 (3)	Do.	Khriso, do. do. do.	149	44	13
204	Joomar	Kovata and Karmatke	45	0	4
22 (3), 23 (1), 73, 163, & 163	Kaladighe	Scope, Near Bridge, Deoor, Poonaswika, Tangann, Terdal, and Moodkol	205	73	23
23 (2)	Khind	Lower	39	04	3
91	Poon	Do.	40	04	3
23 (3)	Sattara	Aligyan, Kalyanna, Scope, Near Bridge, and the Salpe Ghant	39	44	8
226 and 241	Shikapoor	Oshamburgandah, Raman, Tambournee, and Mohol	126	74	13
256	Tambournee	Do. & do.	84	74	7
FROM SHOLAPOOR.					
23 (1)	Ahmednuggur	Mohol and Kurumla	136	44	11
23 (2)	Do.	Burree and Khurda	124	7	11
254	Alindote		24	0	3
78 (1)	Bejapoor	Takhe and Horra	61	0	6
78 (2)	Belgaum	Bejapoor and Kaladighe	184	0	18
78 (2)	Do.	Burree, Annapoor, and Bybang	140	14	16
206 (1)	Bethary	Indre, Moodabahal, and Tangann	214	74	19
206 (2)	Do.	Bejapoor, Burghavara, and Tangann	222	5	21
111 (1)	Deposits	Pundarpur, Kullur, Bhora, the Wurrunda Ghant, Palsapoor and Khad	220	7	22
111 (2)	Do.	Do. Omaru, Kulhar Pak, Koombarke Ghant and Otiplean	217	44	19
206	Jurina	Burree and Bur...	147	04	15
78 (1)	Kaladighe	Bejapoor	111	1	11
174	Kolapoor	Mearj	142	73	13
227	Mohamad (Ambarjogann)	Takapoor	83	73	7
211	Poon	Indrapoor	180	73	14
222	Sattara	Pundarpur and Harwad	120	24	11
228	Secondarabad	Kuligann and Harwad	191	74	17
241 & 253	Seroor	Mohol, Tambournee, Raman and Oshamburgandah	130	73	13

No. of Boats.	TO	BY	Distance.		No. of Passes.
			Miles.	Percentage.	
FROM SHIKARPOOR.					
272, 277 (1), & 284 (1)	Dadar	Bojan, Darabara, and Bhag	137	4	8
284	Hansa-las-Gurhas	Masoor	33	04	3
180	Jacobabad	Hansapoor	36	04	3
280 & 286 (1)	Kalra	Hansa-las-Gurhas and Deyra	1-3	04	13
278	Khalat	Jacobabad, Dadar, the Bolan Pass, Quetta, and Moosoor	338	04	27
273 & 279 (1)	Do.	Bojan, Gudarva, the Media Pass, and Bolan	271	7	23
270	Khyra Gurhas	Chorwal	44	04	4
271	Kandkote	Masoor	45	04	4
272	Kamroo	Chorwal	08	04	4
280	Larkhana	Kora Dara	40	04	3
273	Rajra	Jagui and Jandera	35	1	3
189	Saklar	Lakhi	32	02	3
FROM SUKKUR.					
274	Bahawalpoor	Borwa, Bolan-kote, Khanpoor, and Anandpoor	224	41	30
275 (1)	Dakshar	Borwa, Jagwalpoor, Pakura, and Phalowda	317	2	22
276 (1)	Do.	Do. Behawalpoor, Khanpoor, and Kora Kote	3-8	51	22
& 272, 277 (1), & 284 (1)	Dadar	Shikarpoor, Bojan, Darabara, and Bhag	188	41	13
128 (1)	Deva	Jagwalpoor and Bahawal	264	0	26
278	Dera Ghansu Khan	Kamroo and Mahendri	325	38	19
184 (1)	Hyderabad	Norahm and Hale	210	38	13
184 (2)	Do.	Lodiana to Tarda and Shalijo Hkh	183	11	22
277	Imamghar	Deyra-las-Kota	119	0	11
189	Jacobabad	Shikarpoor	48	0	8
128, 280 & 286 (1)	Kalra	Do. Hansa-las-Gurhas, and Deyra	161	14	18
278	Khalat	Do. Jacobabad, Dadar, the Bolan Pass, Quetta, and Moosoor	267	7	30
180, 272, & 279 (1)	Do.	Do. Bojan, Gudarva, the Media Pass, and Bolan	223	71	26
275 & 278	Kamroo	Larkhana and Bolan	265	71	26
281	Khanpoor	Chorwal	73	04	8
278	Larkhana	Masoor	48	04	4
274	Quetta	Shikarpoor, Jacobabad, Dadar, and the Bolan Pass	247	4	20
181 and 178	Rorwa	Larkhana	1	4	1
181	Saklar	Lakhi	138	1	13
180	Shikarpoor	Lakhi	22	04	6
FROM SURAT.					
272, 4 (1), & 3	Almohadad	Breach and Baroda	183	41	15
272 & 4 (2)	Do.	Do. Dehwan, and Kalra	158	51	15
272 & 4 (1)	Baroda	Breach	30	04	8
101 (1)	Bombay	Paldia, Dugwara, Tharady, and Thama (the lower route)	160	73	19
101 (2)	Do.	Bhair, Danna, Danno, Baroda, and Mithia (the lower route)	191	2	18
279	Breach	Kan Gohar	45	04	4
280	Cambay	Breach and Dehwan	184	1	10
24, 24 (1), & 28	Dakshar	Paldia, Puri, and Kamik	145	11	18
181 & 28	Dhoolia	Sonejark and the Kumbharas Ghant	141	11	12
191	Mahagana	Do. do.	117	02	12
201	Mhow	Do. Kumbharas, Ghata, Ghodra Ghant, Rajpoor, and Jhal	223	31	22
24 & 24 (2)	Kawik	Paldia, Puri, and the Barad Ghant	157	04	11
101 (1) and 229	Poon	Paldia, Dugwara, Tharady, Kora, Womai, and the Bhoro Ghant	229	0	13
24, 24 (2), and 229	Do.	Gudarva, Paldia, Puri, Kora, and Sangunwar	229	04	12
FROM TATTA.					
181 (1)	Hyderabad	Jharak and Kotra	17	04	4
281	Jacobabad	Kotla and Ghodra	19	04	4
282 (1)	Khetri Bunder	Masoor Balra and Balra	31	04	4
282 (2)	Do.	Do.	31	04	4
181 (2)	Kamroo	Gara and Jandera-las-Landia	22	04	4

LIST OF CIVIL AND MILITARY STATIONS IN THE BOMBAY PRESIDENCY, SHOWING THE  
SPELLING OF THE NAMES TO BE ADOPTED.

Aden.	Deolli.	Kolci.	Bāpūt.
Ahmedabad.	Dharwadgaon.	Karnakes or Karnadi.	Ratnagiri.
Ahmednagar.	Dharwar.	Malabhandwar.	Sātra.
Astrgarh.	Dhruva.	Māgaon.	Sakara.
A'gar.	Dhruva.	Matheson.	Semān Warl.
Baroda.	Durbin.	Māhāpur.	Strer.
Belgaum.	Chidari.	Mhow.	Shikarpur.
Bijl.	Gogo.	Moomā Abu.	Shikarpur.
Bijapur or Vijapur.	Hyderabad.	Nasik.	Sakur.
Bombay.	Indore.	Neemach.	Sarat.
Bromh.	Jacobabad.	Nagarsabad.	Tamra.
Burda Chold.	Kaba.	Pakpur.	Tiraguri.
Cambay.	Kāhāgi.	Patni.	Thar and Pārhar.
Colaba.	Karwar.	Patin.	Tihā.
Coompa.	Khandwa.	Poona.	Vinguria.
Dapoli.	Kirlosa.	Portander.	
Deesa.	Kolhapur.	Punadhar.	



## RAILWAYS IN THE BOMBAY PRESIDENCY.

## GREAT INDIAN PENINSULA RAILWAY.

BOMBAY TO LAMPUR		LAMPUR TO BOMBAY		BOMBAY TO HAMIR		HAMIR TO BOMBAY	
Station	Miles from Bombay	Station	Miles from Bombay	Station	Miles from Bombay	Station	Miles from Bombay
Bombay (Bore Bunder)		Jalgaon	89	Bombay to		Hamir	
Byculla	21	Margao	18	Strand Junction	278	Borivli	141
Chhatrapati	31	Shalapur	321	Warananagar	284	Shadi	21
Farol Bostan	41	Chhatrapati	441	Kharipat	290	Pastur	40
Dadar	51	Kankai Pali	541	Kharakhed	301	Wardha	491
Baca	61	Kharakhed	611	Malkapur	307	Dagpur	571
Kankai	71	Belad	711	Bawa Bridge	314	Palgaon	671
Hamir	81	Chhatrapati	771	Andhra	384	Dharmapur	791
Tiara	91	Debra	881	Jalgaon	422	Chhatrapati	891
Dora	101	Barbhai	891			Bahura	1071
Kankai Junction	111	Papra	1001				
Tarvli	121	Chhatrapati	1021				
Wand	131	Belad	1031				
Wadgaon	141	Belad	1041				
Algaon	151	Belad	1051				
Kharid	161	Belad	1061				
Kankai	171	Belad	1071				
Hamir	181	Belad	1081				
Chhatrapati	191	Belad	1091				
Wand	201	Belad	1101				
Wadgaon	211	Belad	1111				
Algaon	221	Belad	1121				
Kharid	231	Belad	1131				
Kankai	241	Belad	1141				
Hamir	251	Belad	1151				
Chhatrapati	261	Belad	1161				
Wand	271	Belad	1171				
Wadgaon	281	Belad	1181				
Algaon	291	Belad	1191				
Kharid	301	Belad	1201				
Kankai	311	Belad	1211				
Hamir	321	Belad	1221				
Chhatrapati	331	Belad	1231				
Wand	341	Belad	1241				
Wadgaon	351	Belad	1251				
Algaon	361	Belad	1261				
Kharid	371	Belad	1271				
Kankai	381	Belad	1281				
Hamir	391	Belad	1291				
Chhatrapati	401	Belad	1301				
Wand	411	Belad	1311				
Wadgaon	421	Belad	1321				
Algaon	431	Belad	1331				
Kharid	441	Belad	1341				
Kankai	451	Belad	1351				
Hamir	461	Belad	1361				
Chhatrapati	471	Belad	1371				
Wand	481	Belad	1381				
Wadgaon	491	Belad	1391				
Algaon	501	Belad	1401				
Kharid	511	Belad	1411				
Kankai	521	Belad	1421				
Hamir	531	Belad	1431				
Chhatrapati	541	Belad	1441				
Wand	551	Belad	1451				
Wadgaon	561	Belad	1461				
Algaon	571	Belad	1471				
Kharid	581	Belad	1481				
Kankai	591	Belad	1491				
Hamir	601	Belad	1501				
Chhatrapati	611	Belad	1511				
Wand	621	Belad	1521				
Wadgaon	631	Belad	1531				
Algaon	641	Belad	1541				
Kharid	651	Belad	1551				
Kankai	661	Belad	1561				
Hamir	671	Belad	1571				
Chhatrapati	681	Belad	1581				
Wand	691	Belad	1591				
Wadgaon	701	Belad	1601				
Algaon	711	Belad	1611				
Kharid	721	Belad	1621				
Kankai	731	Belad	1631				
Hamir	741	Belad	1641				
Chhatrapati	751	Belad	1651				
Wand	761	Belad	1661				
Wadgaon	771	Belad	1671				
Algaon	781	Belad	1681				
Kharid	791	Belad	1691				
Kankai	801	Belad	1701				
Hamir	811	Belad	1711				
Chhatrapati	821	Belad	1721				
Wand	831	Belad	1731				
Wadgaon	841	Belad	1741				
Algaon	851	Belad	1751				
Kharid	861	Belad	1761				
Kankai	871	Belad	1771				
Hamir	881	Belad	1781				
Chhatrapati	891	Belad	1791				
Wand	901	Belad	1801				
Wadgaon	911	Belad	1811				
Algaon	921	Belad	1821				
Kharid	931	Belad	1831				
Kankai	941	Belad	1841				
Hamir	951	Belad	1851				
Chhatrapati	961	Belad	1861				
Wand	971	Belad	1871				
Wadgaon	981	Belad	1881				
Algaon	991	Belad	1891				
Kharid	1001	Belad	1901				
Kankai	1011	Belad	1911				
Hamir	1021	Belad	1921				
Chhatrapati	1031	Belad	1931				
Wand	1041	Belad	1941				
Wadgaon	1051	Belad	1951				
Algaon	1061	Belad	1961				
Kharid	1071	Belad	1971				
Kankai	1081	Belad	1981				
Hamir	1091	Belad	1991				
Chhatrapati	1101	Belad	2001				
Wand	1111	Belad	2011				
Wadgaon	1121	Belad	2021				
Algaon	1131	Belad	2031				
Kharid	1141	Belad	2041				
Kankai	1151	Belad	2051				
Hamir	1161	Belad	2061				
Chhatrapati	1171	Belad	2071				
Wand	1181	Belad	2081				
Wadgaon	1191	Belad	2091				
Algaon	1201	Belad	2101				
Kharid	1211	Belad	2111				
Kankai	1221	Belad	2121				
Hamir	1231	Belad	2131				
Chhatrapati	1241	Belad	2141				
Wand	1251	Belad	2151				
Wadgaon	1261	Belad	2161				
Algaon	1271	Belad	2171				
Kharid	1281	Belad	2181				
Kankai	1291	Belad	2191				
Hamir	1301	Belad	2201				
Chhatrapati	1311	Belad	2211				
Wand	1321	Belad	2221				
Wadgaon	1331	Belad	2231				
Algaon	1341	Belad	2241				
Kharid	1351	Belad	2251				
Kankai	1361	Belad	2261				
Hamir	1371	Belad	2271				
Chhatrapati	1381	Belad	2281				
Wand	1391	Belad	2291				
Wadgaon	1401	Belad	2301				
Algaon	1411	Belad	2311				
Kharid	1421	Belad	2321				
Kankai	1431	Belad	2331				
Hamir	1441	Belad	2341				
Chhatrapati	1451	Belad	2351				
Wand	1461	Belad	2361				
Wadgaon	1471	Belad	2371				
Algaon	1481	Belad	2381				
Kharid	1491	Belad	2391				
Kankai	1501	Belad	2401				
Hamir	1511	Belad	2411				
Chhatrapati	1521	Belad	2421				
Wand	1531	Belad	2431				
Wadgaon	1541	Belad	2441				
Algaon	1551	Belad	2451				
Kharid	1561	Belad	2461				
Kankai	1571	Belad	2471				
Hamir	1581	Belad	2481				
Chhatrapati	1591	Belad	2491				
Wand	1601	Belad	2501				
Wadgaon	1611	Belad	2511				
Algaon	1621	Belad	2521				
Kharid	1631	Belad	2531				
Kankai	1641	Belad	2541				
Hamir	1651	Belad	2551				
Chhatrapati	1661	Belad	2561				
Wand	1671	Belad	2571				
Wadgaon	1681	Belad	2581				
Algaon	1691	Belad	2591				
Kharid	1701	Belad	2601				
Kankai	1711	Belad	2611				
Hamir	1721	Belad	2621				
Chhatrapati	1731	Belad	2631				
Wand	1741	Belad	2641				
Wadgaon	1751	Belad	2651				
Algaon	1761	Belad	2661				
Kharid	1771	Belad	2671				
Kankai	1781	Belad	2681				
Hamir	1791	Belad	2691				
Chhatrapati	1801	Belad	2701				
Wand	1811	Belad	2711				
Wadgaon	1821	Belad	2721				
Algaon	1831	Belad	2731				
Kharid	1841	Belad	2741				
Kankai	1851	Belad	2751				
Hamir	1861	Belad	2761				
Chhatrapati	1871	Belad	2771				
Wand	1881	Belad	2781				
Wadgaon	1891	Belad	2791				
Algaon	1901	Belad	2801				
Kharid	1911	Belad	2811				
Kankai	1921	Belad	2821				
Hamir	1931	Belad	2831				
Chhatrapati	1941	Belad	2841				
Wand	1951	Belad	2851				
Wadgaon	1961	Belad	2861				
Algaon	1971	Belad	2871				
Kharid	1981	Belad	2881				
Kankai	1991	Belad	2891				
Hamir	2001	Belad	2901				
Chhatrapati	2011	Belad	2911				
Wand	2021	Belad	2921				
Wadgaon	2031	Belad	2931				
Algaon	2041	Belad	2941				
Kharid	2051	Belad	2951				
Kankai	2061	Belad	2961				
Hamir	2071	Belad	2971				
Chhatrapati	2081	Belad	2981				
Wand	2091	Belad	2991				
Wadgaon	2101	Belad	3001				
Algaon	2111	Belad	3011				
Kharid	2121	Belad	3021				
Kankai	2131	Belad	3031				
Hamir	2141	Belad	3041				
Chhatrapati	2151	Belad	3051				
Wand	2161	Belad	3061				
Wadgaon	2171	Belad	3071				
Algaon	2181	Belad	3081				
Kharid	2191	Belad	3091				
Kankai	2201	Belad	3101				
Hamir	2211	Belad					

# RAILWAYS.

## GRANAT INDIAN PENINSULA RAILWAY.

BOIMAT TO JUMBERPOT.		JUMBERPOT TO BOIMAT.		BOIMAT TO JUMBERPOT—contd.		JUMBERPOT TO BOIMAT—contd.	
Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.
Boimay (Bori Bunder)	1	Jumberpote	1	Boimay	1	Jumberpote	1
Mangal	2	Mangal	2	Mangal	2	Mangal	2
Bynoli	3	Bynoli	3	Bynoli	3	Bynoli	3
Chimankoli	4	Chimankoli	4	Chimankoli	4	Chimankoli	4
Farol	5	Farol	5	Farol	5	Farol	5
Shen	6	Shen	6	Shen	6	Shen	6
Karbi	7	Karbi	7	Karbi	7	Karbi	7
Ghat-Cooper	8	Ghat-Cooper	8	Ghat-Cooper	8	Ghat-Cooper	8
Shimad	9	Shimad	9	Shimad	9	Shimad	9
Thana	10	Thana	10	Thana	10	Thana	10
Diva	11	Diva	11	Diva	11	Diva	11
Dombivli Gate	12	Dombivli Gate	12	Dombivli Gate	12	Dombivli Gate	12
Kalyan (Junction)	13	Kalyan (Junction)	13	Kalyan (Junction)	13	Kalyan (Junction)	13
Thana	14	Thana	14	Thana	14	Thana	14
Khadavli	15	Khadavli	15	Khadavli	15	Khadavli	15
Vandri	16	Vandri	16	Vandri	16	Vandri	16
Shimad	17	Shimad	17	Shimad	17	Shimad	17
Alipon	18	Alipon	18	Alipon	18	Alipon	18
Thana	19	Thana	19	Thana	19	Thana	19
Kharli	20	Kharli	20	Kharli	20	Kharli	20
Umbarni	21	Umbarni	21	Umbarni	21	Umbarni	21
Kharli	22	Kharli	22	Kharli	22	Kharli	22
Thana	23	Thana	23	Thana	23	Thana	23
Umbarni	24	Umbarni	24	Umbarni	24	Umbarni	24
Kharli	25	Kharli	25	Kharli	25	Kharli	25
Thana	26	Thana	26	Thana	26	Thana	26
Umbarni	27	Umbarni	27	Umbarni	27	Umbarni	27
Kharli	28	Kharli	28	Kharli	28	Kharli	28
Thana	29	Thana	29	Thana	29	Thana	29
Umbarni	30	Umbarni	30	Umbarni	30	Umbarni	30
Kharli	31	Kharli	31	Kharli	31	Kharli	31
Thana	32	Thana	32	Thana	32	Thana	32
Umbarni	33	Umbarni	33	Umbarni	33	Umbarni	33
Kharli	34	Kharli	34	Kharli	34	Kharli	34
Thana	35	Thana	35	Thana	35	Thana	35
Umbarni	36	Umbarni	36	Umbarni	36	Umbarni	36
Kharli	37	Kharli	37	Kharli	37	Kharli	37
Thana	38	Thana	38	Thana	38	Thana	38
Umbarni	39	Umbarni	39	Umbarni	39	Umbarni	39
Kharli	40	Kharli	40	Kharli	40	Kharli	40
Thana	41	Thana	41	Thana	41	Thana	41
Umbarni	42	Umbarni	42	Umbarni	42	Umbarni	42
Kharli	43	Kharli	43	Kharli	43	Kharli	43
Thana	44	Thana	44	Thana	44	Thana	44
Umbarni	45	Umbarni	45	Umbarni	45	Umbarni	45
Kharli	46	Kharli	46	Kharli	46	Kharli	46
Thana	47	Thana	47	Thana	47	Thana	47
Umbarni	48	Umbarni	48	Umbarni	48	Umbarni	48
Kharli	49	Kharli	49	Kharli	49	Kharli	49
Thana	50	Thana	50	Thana	50	Thana	50
Umbarni	51	Umbarni	51	Umbarni	51	Umbarni	51
Kharli	52	Kharli	52	Kharli	52	Kharli	52
Thana	53	Thana	53	Thana	53	Thana	53
Umbarni	54	Umbarni	54	Umbarni	54	Umbarni	54
Kharli	55	Kharli	55	Kharli	55	Kharli	55
Thana	56	Thana	56	Thana	56	Thana	56
Umbarni	57	Umbarni	57	Umbarni	57	Umbarni	57
Kharli	58	Kharli	58	Kharli	58	Kharli	58
Thana	59	Thana	59	Thana	59	Thana	59
Umbarni	60	Umbarni	60	Umbarni	60	Umbarni	60
Kharli	61	Kharli	61	Kharli	61	Kharli	61
Thana	62	Thana	62	Thana	62	Thana	62
Umbarni	63	Umbarni	63	Umbarni	63	Umbarni	63
Kharli	64	Kharli	64	Kharli	64	Kharli	64
Thana	65	Thana	65	Thana	65	Thana	65
Umbarni	66	Umbarni	66	Umbarni	66	Umbarni	66
Kharli	67	Kharli	67	Kharli	67	Kharli	67
Thana	68	Thana	68	Thana	68	Thana	68
Umbarni	69	Umbarni	69	Umbarni	69	Umbarni	69
Kharli	70	Kharli	70	Kharli	70	Kharli	70
Thana	71	Thana	71	Thana	71	Thana	71
Umbarni	72	Umbarni	72	Umbarni	72	Umbarni	72
Kharli	73	Kharli	73	Kharli	73	Kharli	73
Thana	74	Thana	74	Thana	74	Thana	74
Umbarni	75	Umbarni	75	Umbarni	75	Umbarni	75
Kharli	76	Kharli	76	Kharli	76	Kharli	76
Thana	77	Thana	77	Thana	77	Thana	77
Umbarni	78	Umbarni	78	Umbarni	78	Umbarni	78
Kharli	79	Kharli	79	Kharli	79	Kharli	79
Thana	80	Thana	80	Thana	80	Thana	80
Umbarni	81	Umbarni	81	Umbarni	81	Umbarni	81
Kharli	82	Kharli	82	Kharli	82	Kharli	82
Thana	83	Thana	83	Thana	83	Thana	83
Umbarni	84	Umbarni	84	Umbarni	84	Umbarni	84
Kharli	85	Kharli	85	Kharli	85	Kharli	85
Thana	86	Thana	86	Thana	86	Thana	86
Umbarni	87	Umbarni	87	Umbarni	87	Umbarni	87
Kharli	88	Kharli	88	Kharli	88	Kharli	88
Thana	89	Thana	89	Thana	89	Thana	89
Umbarni	90	Umbarni	90	Umbarni	90	Umbarni	90
Kharli	91	Kharli	91	Kharli	91	Kharli	91
Thana	92	Thana	92	Thana	92	Thana	92
Umbarni	93	Umbarni	93	Umbarni	93	Umbarni	93
Kharli	94	Kharli	94	Kharli	94	Kharli	94
Thana	95	Thana	95	Thana	95	Thana	95
Umbarni	96	Umbarni	96	Umbarni	96	Umbarni	96
Kharli	97	Kharli	97	Kharli	97	Kharli	97
Thana	98	Thana	98	Thana	98	Thana	98
Umbarni	99	Umbarni	99	Umbarni	99	Umbarni	99
Kharli	100	Kharli	100	Kharli	100	Kharli	100
Thana	101	Thana	101	Thana	101	Thana	101
Umbarni	102	Umbarni	102	Umbarni	102	Umbarni	102
Kharli	103	Kharli	103	Kharli	103	Kharli	103
Thana	104	Thana	104	Thana	104	Thana	104
Umbarni	105	Umbarni	105	Umbarni	105	Umbarni	105
Kharli	106	Kharli	106	Kharli	106	Kharli	106
Thana	107	Thana	107	Thana	107	Thana	107
Umbarni	108	Umbarni	108	Umbarni	108	Umbarni	108
Kharli	109	Kharli	109	Kharli	109	Kharli	109
Thana	110	Thana	110	Thana	110	Thana	110
Umbarni	111	Umbarni	111	Umbarni	111	Umbarni	111
Kharli	112	Kharli	112	Kharli	112	Kharli	112
Thana	113	Thana	113	Thana	113	Thana	113
Umbarni	114	Umbarni	114	Umbarni	114	Umbarni	114
Kharli	115	Kharli	115	Kharli	115	Kharli	115
Thana	116	Thana	116	Thana	116	Thana	116
Umbarni	117	Umbarni	117	Umbarni	117	Umbarni	117
Kharli	118	Kharli	118	Kharli	118	Kharli	118
Thana	119	Thana	119	Thana	119	Thana	119
Umbarni	120	Umbarni	120	Umbarni	120	Umbarni	120
Kharli	121	Kharli	121	Kharli	121	Kharli	121
Thana	122	Thana	122	Thana	122	Thana	122
Umbarni	123	Umbarni	123	Umbarni	123	Umbarni	123
Kharli	124	Kharli	124	Kharli	124	Kharli	124
Thana	125	Thana	125	Thana	125	Thana	125
Umbarni	126	Umbarni	126	Umbarni	126	Umbarni	126
Kharli	127	Kharli	127	Kharli	127	Kharli	127
Thana	128	Thana	128	Thana	128	Thana	128
Umbarni	129	Umbarni	129	Umbarni	129	Umbarni	129
Kharli	130	Kharli	130	Kharli	130	Kharli	130
Thana	131	Thana	131	Thana	131	Thana	131
Umbarni	132	Umbarni	132	Umbarni	132	Umbarni	132
Kharli	133	Kharli	133	Kharli	133	Kharli	133
Thana	134	Thana	134	Thana	134	Thana	134
Umbarni	135	Umbarni	135	Umbarni	135	Umbarni	135
Kharli	136	Kharli	136	Kharli	136	Kharli	136
Thana	137	Thana	137	Thana	137	Thana	137
Umbarni	138	Umbarni	138	Umbarni	138	Umbarni	138
Kharli	139	Kharli	139	Kharli	139	Kharli	139
Thana	140	Thana	140	Thana	140	Thana	140
Umbarni	141	Umbarni	141	Umbarni	141	Umbarni	141
Kharli	142	Kharli	142	Kharli	142	Kharli	142
Thana	143	Thana	143	Thana	143	Thana	143
Umbarni	144	Umbarni	144	Umbarni	144	Umbarni	144
Kharli	145	Kharli	145	Kharli	145	Kharli	145
Thana	146	Thana	146	Thana	146	Thana	146
Umbarni	147	Umbarni	147	Umbarni	147	Umbarni	147
Kharli	148	Kharli	148	Kharli	148	Kharli	148
Thana	149	Thana	149	Thana	149	Thana	149
Umbarni	150	Umbarni	150	Umbarni	150	Umbarni	150
Kharli	151	Kharli	151	Kharli	151	Kharli	151
Thana	152	Thana	152	Thana	152	Thana	152
Umbarni	153	Umbarni	153	Umbarni	153	Umbarni	153
Kharli	154	Kharli	154	Kharli	154	Kharli	154
Thana	155	Thana	155	Thana	155	Thana	155
Umbarni	156	Umbarni	156	Umbarni	156	Umbarni	156
Kharli	157	Kharli	157	Kharli	157	Kharli	157
Thana	158	Thana	158	Thana	158	Thana	158
Umbarni	159	Umbarni	159	Umbarni	159	Umbarni	159
Kharli	160	Kharli	160	Kharli	160	Kharli	160
Thana	161	Thana	161	Thana	161	Thana	161
Umbarni	162	Umbarni	162	Umbarni	162	Umbarni	162
Kharli	163	Kharli	163	Kharli	163	Kharli	163
Thana	164	Thana	164	Thana	164	Thana	164
Umbarni	165	Umbarni	165	Umbarni	165	Umbarni	165
Kharli	166	Kharli	166	Kharli	166	Kharli	166
Thana	167	Thana	167	Thana	167	Thana	167
Umbarni	168	Umbarni	168	Umbarni	168	Umbarni	168
Kharli	169	Kharli	169	Kharli	169	Kharli	169
Thana	170	Thana	170	Thana	170	Thana	170
Umbarni	171	Umbarni	171	Umbarni	171	Umbarni	171
Kharli	172	Kharli	172	Kharli	172	Kharli	172
Thana	173	Thana	173	Thana	173	Thana	173
Umbarni	174	Umbarni	174	Umbarni	174	Umbarni	174
Kharli	175	Kharli	175	Kharli	175	Kharli	175
Thana	176	Thana	176	Thana	176	Thana	176
Umbarni	177	Umbarni	177	Umbarni	177	Umbarni	177
Kharli	178	Kharli	178	Kharli	178	Kharli	178
Thana	179	Thana	179	Thana	179	Thana	179
Umbarni	180	Umbarni	180	Umbarni	180	Umbarni	180
Kharli	181	Kharli	181	Kharli	181	Kharli	181
Thana	182	Thana	182	Thana	182	Thana	182
Umbarni							

## G I P. RAILWAY—continued

KHAMBOO BRANCH				CAMPPOOKE BRANCH			
No. of stations	Distance in miles	Stations	No. of stations	Stations	Distance in miles	Stations	Distance in miles
1	228	Khamboo (Junction)	8	Karpi	22	Campooke	
2	231	Khamboo (Junction)		Palancher	24	Tilavie	1
ANILLOTT BRANCH				Tilavie	27	Palancher	7
3	410	Anilott	6	Campooke	71	Karpi	9
4	413	Anilott					
WARDEN BRANCH				DHOND AND MANMAD STATE RAILWAY			
5	478	Warden	11	Dhond (Junction)		Manmud (Junction)	
6	481	Warden	12	1	2	3	4
7	483	Warden	13	5	6	7	8
8	485	Warden	14	9	10	11	12
9	487	Warden	15	13	14	15	16
10	489	Warden	16	17	18	19	20
11	491	Warden	17	21	22	23	24
12	493	Warden	18	25	26	27	28
13	495	Warden	19	29	30	31	32
14	497	Warden	20	33	34	35	36
15	499	Warden	21	37	38	39	40
16	501	Warden	22	41	42	43	44
17	503	Warden	23	45	46	47	48
18	505	Warden	24	49	50	51	52
19	507	Warden	25	53	54	55	56
20	509	Warden	26	57	58	59	60
21	511	Warden	27	61	62	63	64
22	513	Warden	28	65	66	67	68
23	515	Warden	29	69	70	71	72
24	517	Warden	30	73	74	75	76
25	519	Warden	31	77	78	79	80
26	521	Warden	32	81	82	83	84
27	523	Warden	33	85	86	87	88
28	525	Warden	34	89	90	91	92
29	527	Warden	35	93	94	95	96
30	529	Warden	36	97	98	99	100
31	531	Warden	37	101	102	103	104
32	533	Warden	38	105	106	107	108
33	535	Warden	39	109	110	111	112
34	537	Warden	40	113	114	115	116
35	539	Warden	41	117	118	119	120
36	541	Warden	42	121	122	123	124
37	543	Warden	43	125	126	127	128
38	545	Warden	44	129	130	131	132
39	547	Warden	45	133	134	135	136
40	549	Warden	46	137	138	139	140
41	551	Warden	47	141	142	143	144
42	553	Warden	48	145	146	147	148
43	555	Warden	49	149	150	151	152
44	557	Warden	50	153	154	155	156
45	559	Warden	51	157	158	159	160
46	561	Warden	52	161	162	163	164
47	563	Warden	53	165	166	167	168
48	565	Warden	54	169	170	171	172
49	567	Warden	55	173	174	175	176
50	569	Warden	56	177	178	179	180
51	571	Warden	57	181	182	183	184
52	573	Warden	58	185	186	187	188
53	575	Warden	59	189	190	191	192
54	577	Warden	60	193	194	195	196
55	579	Warden	61	197	198	199	200
56	581	Warden	62	201	202	203	204
57	583	Warden	63	205	206	207	208
58	585	Warden	64	209	210	211	212
59	587	Warden	65	213	214	215	216
60	589	Warden	66	217	218	219	220
61	591	Warden	67	221	222	223	224
62	593	Warden	68	225	226	227	228
63	595	Warden	69	229	230	231	232
64	597	Warden	70	233	234	235	236
65	599	Warden	71	237	238	239	240
66	601	Warden	72	241	242	243	244
67	603	Warden	73	245	246	247	248
68	605	Warden	74	249	250	251	252
69	607	Warden	75	253	254	255	256
70	609	Warden	76	257	258	259	260
71	611	Warden	77	261	262	263	264
72	613	Warden	78	265	266	267	268
73	615	Warden	79	269	270	271	272
74	617	Warden	80	273	274	275	276
75	619	Warden	81	277	278	279	280
76	621	Warden	82	281	282	283	284
77	623	Warden	83	285	286	287	288
78	625	Warden	84	289	290	291	292
79	627	Warden	85	293	294	295	296
80	629	Warden	86	297	298	299	300
81	631	Warden	87	301	302	303	304
82	633	Warden	88	305	306	307	308
83	635	Warden	89	309	310	311	312
84	637	Warden	90	313	314	315	316
85	639	Warden	91	317	318	319	320
86	641	Warden	92	321	322	323	324
87	643	Warden	93	325	326	327	328
88	645	Warden	94	329	330	331	332
89	647	Warden	95	333	334	335	336
90	649	Warden	96	337	338	339	340
91	651	Warden	97	341	342	343	344
92	653	Warden	98	345	346	347	348
93	655	Warden	99	349	350	351	352
94	657	Warden	100	353	354	355	356
95	659	Warden	101	357	358	359	360
96	661	Warden	102	361	362	363	364
97	663	Warden	103	365	366	367	368
98	665	Warden	104	369	370	371	372
99	667	Warden	105	373	374	375	376
100	669	Warden	106	377	378	379	380
101	671	Warden	107	381	382	383	384
102	673	Warden	108	385	386	387	388
103	675	Warden	109	389	390	391	392
104	677	Warden	110	393	394	395	396
105	679	Warden	111	397	398	399	400
106	681	Warden	112	401	402	403	404
107	683	Warden	113	405	406	407	408
108	685	Warden	114	409	410	411	412
109	687	Warden	115	413	414	415	416
110	689	Warden	116	417	418	419	420
111	691	Warden	117	421	422	423	424
112	693	Warden	118	425	426	427	428
113	695	Warden	119	429	430	431	432
114	697	Warden	120	433	434	435	436
115	699	Warden	121	437	438	439	440
116	701	Warden	122	441	442	443	444
117	703	Warden	123	445	446	447	448
118	705	Warden	124	449	450	451	452
119	707	Warden	125	453	454	455	456
120	709	Warden	126	457	458	459	460
121	711	Warden	127	461	462	463	464
122	713	Warden	128	465	466	467	468
123	715	Warden	129	469	470	471	472
124	717	Warden	130	473	474	475	476
125	719	Warden	131	477	478	479	480
126	721	Warden	132	481	482	483	484
127	723	Warden	133	485	486	487	488
128	725	Warden	134	489	490	491	492
129	727	Warden	135	493	494	495	496
130	729	Warden	136	497	498	499	500
131	731	Warden	137	501	502	503	504
132	733	Warden	138	505	506	507	508
133	735	Warden	139	509	510	511	512
134	737	Warden	140	513	514	515	516
135	739	Warden	141	517	518	519	520
136	741	Warden	142	521	522	523	524
137	743	Warden	143	525	526	527	528
138	745	Warden	144	529	530	531	532
139	747	Warden	145	533	534	535	536
140	749	Warden	146	537	538	539	540
141	751	Warden	147	541	542	543	544
142	753	Warden	148	545	546	547	548
143	755	Warden	149	549	550	551	552
144	757	Warden	150	553	554	555	556
145	759	Warden	151	557	558	559	560
146	761	Warden	152	561	562	563	564
147	763	Warden	153	565	566	567	568
148	765	Warden	154	569	570	571	572
149	767	Warden	155	573	574	575	576
150	769	Warden	156	577	578	579	580
151	771	Warden	157	581	582	583	584
152	773	Warden	158	585	586	587	588
153	775	Warden	159	589	590	591	592
154	777	Warden	160	593	594	595	596
155	779	Warden	161	597	598	599	600
156	781	Warden	162	601	602	603	604
157	783	Warden	163	605	606	607	608
158	785	Warden	164	609	610	611	612
159	787	Warden	165	613	614	615	616
160	789	Warden	166	617	618	619	620
161	791	Warden	167	621	622	623	624
162	793	Warden	168	625	626	627	628
163	795	Warden	169	629	630	631	632
164	797	Warden	170	633	634	635	636
165	799	Warden	171	637	638	639	640
166	801	Warden	172	641	642	643	644
167	803	Warden	173	645	646	647	648
168	805	Warden	174	649	650	651	652
169	807	Warden	175	653	654	655	656
170	809	Warden	176	657	658	659	660
171	811	Warden	177	661	662	663	664
172	813	Warden	178	665	666	667	668
173	815	Warden	179	669	670	671	672
174	817	Warden	180	673	674	675	676
175	819	Warden	181	677	678	679	680
176	821	Warden	182	681	682	683	684
177	823	Warden	183	685	686	687	688
178	825	Warden	184	689	690	691	692

## BOMBAY BARODA, &amp; CENTRAL INDIA RAILWAY.

COLERA TO WADSWAN.		WADSWAN TO COLERA.		AMAR TO PARI.		PARI TO AMAR.	
Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.	Station.	Distance in Miles.
DARON BRANCH.							
Colera	11	Wadswan	11	Amal (Junction)	208	Pari	208
Church Gate Pier	2	Lakhtar	21	Chalis	276	Talva	18
Marine Lines	2	Chalis Road	21	Unchali	282	Dalva	19
Chand Road	3	Vinamgan (Junction) Patti	22	Rubor	288	Unchali	19
Chand Road	3	Branch	22	Talva	293	Chalis	20
Marine Lines	4	Jachali	24	Pari	301	Amal (Junction)	21
Farri	5	Chalis	24				
Dalva	6	Chalis	24				
Mahin	7	Chalis	24				
Bahara	8	Chalis	24				
Chalis	9	Chalis	24				
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Chalis	98	Chalis	24				
Chalis	99	Chalis	24				
Chalis	100	Chalis	24				

## WESTERN RAJPUTANA STATE RAILWAY.

AJMER TO AJMER		AJMER TO AJMER	
Station	Distance in Miles	Station	Distance in Miles
Ajmerabad	0	Ajmer	0
Barmer	3	Barmer	30
Khadar	6	Mangalore	18
Khadar	10	Khadar	22
Dangra	14	Barmer	25
Dangra	18	Barmer	28
Dangra	22	Barmer	31
Dangra	26	Barmer	34
Dangra	30	Barmer	37
Dangra	34	Barmer	40
Dangra	38	Barmer	43
Dangra	42	Barmer	46
Dangra	46	Barmer	49
Dangra	50	Barmer	52
Dangra	54	Barmer	55
Dangra	58	Barmer	58
Dangra	62	Barmer	61
Dangra	66	Barmer	64
Dangra	70	Barmer	67
Dangra	74	Barmer	70
Dangra	78	Barmer	73
Dangra	82	Barmer	76
Dangra	86	Barmer	79
Dangra	90	Barmer	82
Dangra	94	Barmer	85
Dangra	98	Barmer	88
Dangra	102	Barmer	91
Dangra	106	Barmer	94
Dangra	110	Barmer	97
Dangra	114	Barmer	100
Dangra	118	Barmer	103
Dangra	122	Barmer	106
Dangra	126	Barmer	109
Dangra	130	Barmer	112
Dangra	134	Barmer	115
Dangra	138	Barmer	118
Dangra	142	Barmer	121
Dangra	146	Barmer	124
Dangra	150	Barmer	127
Dangra	154	Barmer	130
Dangra	158	Barmer	133
Dangra	162	Barmer	136
Dangra	166	Barmer	139
Dangra	170	Barmer	142
Dangra	174	Barmer	145
Dangra	178	Barmer	148
Dangra	182	Barmer	151
Dangra	186	Barmer	154
Dangra	190	Barmer	157
Dangra	194	Barmer	160
Dangra	198	Barmer	163
Dangra	202	Barmer	166
Dangra	206	Barmer	169
Dangra	210	Barmer	172
Dangra	214	Barmer	175
Dangra	218	Barmer	178
Dangra	222	Barmer	181
Dangra	226	Barmer	184
Dangra	230	Barmer	187
Dangra	234	Barmer	190
Dangra	238	Barmer	193
Dangra	242	Barmer	196
Dangra	246	Barmer	199
Dangra	250	Barmer	202
Dangra	254	Barmer	205
Dangra	258	Barmer	208
Dangra	262	Barmer	211
Dangra	266	Barmer	214
Dangra	270	Barmer	217
Dangra	274	Barmer	220
Dangra	278	Barmer	223
Dangra	282	Barmer	226
Dangra	286	Barmer	229
Dangra	290	Barmer	232
Dangra	294	Barmer	235
Dangra	298	Barmer	238
Dangra	302	Barmer	241
Dangra	306	Barmer	244
Dangra	310	Barmer	247
Dangra	314	Barmer	250
Dangra	318	Barmer	253
Dangra	322	Barmer	256
Dangra	326	Barmer	259
Dangra	330	Barmer	262
Dangra	334	Barmer	265
Dangra	338	Barmer	268
Dangra	342	Barmer	271
Dangra	346	Barmer	274
Dangra	350	Barmer	277
Dangra	354	Barmer	280
Dangra	358	Barmer	283
Dangra	362	Barmer	286
Dangra	366	Barmer	289
Dangra	370	Barmer	292
Dangra	374	Barmer	295
Dangra	378	Barmer	298
Dangra	382	Barmer	301
Dangra	386	Barmer	304
Dangra	390	Barmer	307
Dangra	394	Barmer	310
Dangra	398	Barmer	313
Dangra	402	Barmer	316
Dangra	406	Barmer	319
Dangra	410	Barmer	322
Dangra	414	Barmer	325
Dangra	418	Barmer	328
Dangra	422	Barmer	331
Dangra	426	Barmer	334
Dangra	430	Barmer	337
Dangra	434	Barmer	340
Dangra	438	Barmer	343
Dangra	442	Barmer	346
Dangra	446	Barmer	349
Dangra	450	Barmer	352
Dangra	454	Barmer	355
Dangra	458	Barmer	358
Dangra	462	Barmer	361
Dangra	466	Barmer	364
Dangra	470	Barmer	367
Dangra	474	Barmer	370
Dangra	478	Barmer	373
Dangra	482	Barmer	376
Dangra	486	Barmer	379
Dangra	490	Barmer	382
Dangra	494	Barmer	385
Dangra	498	Barmer	388
Dangra	502	Barmer	391
Dangra	506	Barmer	394
Dangra	510	Barmer	397
Dangra	514	Barmer	400
Dangra	518	Barmer	403
Dangra	522	Barmer	406
Dangra	526	Barmer	409
Dangra	530	Barmer	412
Dangra	534	Barmer	415
Dangra	538	Barmer	418
Dangra	542	Barmer	421
Dangra	546	Barmer	424
Dangra	550	Barmer	427
Dangra	554	Barmer	430
Dangra	558	Barmer	433
Dangra	562	Barmer	436
Dangra	566	Barmer	439
Dangra	570	Barmer	442
Dangra	574	Barmer	445
Dangra	578	Barmer	448
Dangra	582	Barmer	451
Dangra	586	Barmer	454
Dangra	590	Barmer	457
Dangra	594	Barmer	460
Dangra	598	Barmer	463
Dangra	602	Barmer	466
Dangra	606	Barmer	469
Dangra	610	Barmer	472
Dangra	614	Barmer	475
Dangra	618	Barmer	478
Dangra	622	Barmer	481
Dangra	626	Barmer	484
Dangra	630	Barmer	487
Dangra	634	Barmer	490
Dangra	638	Barmer	493
Dangra	642	Barmer	496
Dangra	646	Barmer	499
Dangra	650	Barmer	502
Dangra	654	Barmer	505
Dangra	658	Barmer	508
Dangra	662	Barmer	511
Dangra	666	Barmer	514
Dangra	670	Barmer	517
Dangra	674	Barmer	520
Dangra	678	Barmer	523
Dangra	682	Barmer	526
Dangra	686	Barmer	529
Dangra	690	Barmer	532
Dangra	694	Barmer	535
Dangra	698	Barmer	538
Dangra	702	Barmer	541
Dangra	706	Barmer	544
Dangra	710	Barmer	547
Dangra	714	Barmer	550
Dangra	718	Barmer	553
Dangra	722	Barmer	556
Dangra	726	Barmer	559
Dangra	730	Barmer	562
Dangra	734	Barmer	565
Dangra	738	Barmer	568
Dangra	742	Barmer	571
Dangra	746	Barmer	574
Dangra	750	Barmer	577
Dangra	754	Barmer	580
Dangra	758	Barmer	583
Dangra	762	Barmer	586
Dangra	766	Barmer	589
Dangra	770	Barmer	592
Dangra	774	Barmer	595
Dangra	778	Barmer	598
Dangra	782	Barmer	601
Dangra	786	Barmer	604
Dangra	790	Barmer	607
Dangra	794	Barmer	610
Dangra	798	Barmer	613
Dangra	802	Barmer	616
Dangra	806	Barmer	619
Dangra	810	Barmer	622
Dangra	814	Barmer	625
Dangra	818	Barmer	628
Dangra	822	Barmer	631
Dangra	826	Barmer	634
Dangra	830	Barmer	637
Dangra	834	Barmer	640
Dangra	838	Barmer	643
Dangra	842	Barmer	646
Dangra	846	Barmer	649
Dangra	850	Barmer	652
Dangra	854	Barmer	655
Dangra	858	Barmer	658
Dangra	862	Barmer	661
Dangra	866	Barmer	664
Dangra	870	Barmer	667
Dangra	874	Barmer	670
Dangra	878	Barmer	673
Dangra	882	Barmer	676
Dangra	886	Barmer	679
Dangra	890	Barmer	682
Dangra	894	Barmer	685
Dangra	898	Barmer	688
Dangra	902	Barmer	691
Dangra	906	Barmer	694
Dangra	910	Barmer	697
Dangra	914	Barmer	700
Dangra	918	Barmer	703
Dangra	922	Barmer	706
Dangra	926	Barmer	709
Dangra	930	Barmer	712
Dangra	934	Barmer	715
Dangra	938	Barmer	718
Dangra	942	Barmer	721
Dangra	946	Barmer	724
Dangra	950	Barmer	727
Dangra	954	Barmer	730
Dangra	958	Barmer	733
Dangra	962	Barmer	736
Dangra	966	Barmer	739
Dangra	970	Barmer	742
Dangra	974	Barmer	745
Dangra	978	Barmer	748
Dangra	982	Barmer	751
Dangra	986	Barmer	754
Dangra	990	Barmer	757
Dangra	994	Barmer	760
Dangra	998	Barmer	763

## RAJPUTANA STATE RAILWAY—continued.

KATA TO SAKHAR.		SAKHAR TO KATA.	
Stations.	Distance in Miles.	Stations.	Distance in Miles.
SAKHAIR BRANCH.			
Kata	0	Sakhair	0
Gira	91	Gira	0
Sakhair	181	Kata	181
DOLAN BRANCH.			
Nilgiri (Summit)	0	Dolai	0
Beel	7	Phan	11
Baghri	15	Garganthe	19
Kalbhara	24	Garla Harura	27
Ulwar	37	Nihadi	38
Barvira	44	Khalapur	44
Khalchal	54	Rasul	51
Harwal (Flag Station)	58	Bawal	58
Ajanta	68	Ajanta	68
Bawal	74	Thermal (Flag Station)	78
Bawal	83	Kindrital	80
Khalapur	90	Barvira	96
Nilgiri	97	Ulwar	97
Misri	100	Mislikhara	100
Garganthe	118	Baghri	119
Phan	123	Beel	127
Dolai	134	Nilgiri	134





GREAT INDIAN PENINSULA RAILWAY.

BOMBAY, BARODA, & CENTRAL INDIA  
RAILWAY.

BORELY TO RANDEW.		RANDEW TO BORELY.	
Station.	Distance in Miles.	Station.	Distance in Miles.
Bombay (Boree Bunder)	0	Rahdar	0
Byndra	24	Chindapur	101
Chindapokli	24	Krishna	151
Paral Station	44	Satapur Road	231
Dider	81	Yedagiri	421
Bion	8	Kahar	431
Karia	91	Wadi	461
Bahadpur	161	Shikhar	731
Thane	201	Kaharga	891
Dura	241	Gadur	1961
Kahar Junction	331	Dudhal	1901
Bahadpur	42	Kernigton	127
Karia	531	Hodgi	1801
Karjat	62	Bahadpur	1891
Kharola	77	Pikol	1961
Lanol	791	Mahal	1981
Karola	801	Angar	1901
Telephon	86	Mahra	1931
Chindapur	100	Bore Road	208
Kharol	1161	Kia	210
Poma	119	Jahar	226
Lani	1291	Parnahari	217
Uruli	127	Dudhal & Bhargava	223
Kernigton	122	Dhod	277
Pama	180	Pama	238
Dhod	1861	Kernigton	250
Dudhal & Bhargava	1831	Uruli	206
Parnahari	176	Lani	313
Jahar	2121	Poma	321
Kia	2291	Kharol	327
Bore Road	2321	Chindapur	333
Mahra	2431	Telephon	341
Angar	252	Karola	341
Mahal	2531	Lanol	351
Pikol	2751	Kharola	362
Bahadpur	2321	Karjat	381
Hodgi	221	Neral	391
Kernigton	3641	Bahadpur	400
Dudhal	382	Kahar	409
Gadur	344	Dura	416
Kaharga	3461	Thane	421
Shikhar	3691	Bahadpur	431
Wadi	3781	Karia	431
Nahar	381	Bion	434
Yedagiri	3891	Dider	437
Satapur Road	4141	Paral Station	438
Krishna	4251	Chindapokli	438
Bahadpur	4321	Byndra	440
Rahdar	4421	Bombay (Boree Bunder)	442

COGNARA TO WADSWAY.		WADSWAY TO COGNARA.	
Positions.	Mileage on Main.	Positions.	Mileage on Main.
Bombay.		Wadhwa	131
Coldha	1	Lakhtar	91
Charni Gate Street	2	Lakhtar Road	294
Marine Lines	3	Babli Road	261
Chattri Road	4	Virampal	83
Grant Road	5	Kharaghona	67
Mahabharat	6	Mori	47
Paroli	7	Uda	48
Dela	8	Jakhwa	53
Lakhta	9	Chokro	54
Bandon	10	Sirand	55
Anand	11	Ambli Road	56
Pilari	12	Shamali	57
Zorani	13	Shamali	58
Bali, pake	14	Shamali	59
Naraka Road	15	Shamali	60
Yule	16	Shamali	61
Sapili	17	Shamali	62
Pilghar	18	Shamali	63
Tolani	19	Shamali	64
Wagon	20	Shamali	65
Chokha Road	21	Shamali	66
Chokha	22	Shamali	67
Wadi	23	Shamali	68
Wadi	24	Shamali	69
Wadi	25	Shamali	70
Wadi	26	Shamali	71
Wadi	27	Shamali	72
Wadi	28	Shamali	73
Wadi	29	Shamali	74
Wadi	30	Shamali	75
Wadi	31	Shamali	76
Wadi	32	Shamali	77
Wadi	33	Shamali	78
Wadi	34	Shamali	79
Wadi	35	Shamali	80
Wadi	36	Shamali	81
Wadi	37	Shamali	82
Wadi	38	Shamali	83
Wadi	39	Shamali	84
Wadi	40	Shamali	85
Wadi	41	Shamali	86
Wadi	42	Shamali	87
Wadi	43	Shamali	88
Wadi	44	Shamali	89
Wadi	45	Shamali	90
Wadi	46	Shamali	91
Wadi	47	Shamali	92
Wadi	48	Shamali	93
Wadi	49	Shamali	94
Wadi	50	Shamali	95
Wadi	51	Shamali	96
Wadi	52	Shamali	97
Wadi	53	Shamali	98
Wadi	54	Shamali	99
Wadi	55	Shamali	100





TABLE No. 1.

## FROM AHMEDABAD TO MOUNT ABOD DIRECT VIA BHHSULNUGGUR AND PAHLUNPOOR.

GENERAL DIRECTION, N. 31 E.

Authentic.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
			Days.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Madhya Division, Ahmedabad.	Collector of Ahmedabad.	From Ahmedabad Cantonment Church to Ahmed.	8	4 1/2	8	4 1/2	Soil sandy; country flat, open and cultivated; well cultivated; water rather deep.	Abrupt and good from a deep well and tank. The well was built in A.D. 1699, and cost Rs. 5,00,000.	Limited, 5 or 6 shops.	200 houses; occupying ground W of the well. At 3 m. 2 1/2 f. cross the Sabarmati river at a ford close to the Madhya Bhag, facing the river a good heavy boat pier here. At 5 m. 7 1/2 f. Chaudhara, 200 houses, 8 shops. At 7 m. 3 1/2 f. Jondhal, 150 houses, 4 shops.
	Resident of Baroda.	Roopal	11	2 1/2	20	7	Do.	3 wells and 1 tank; water for 8 months.	20 shops.	200 houses; country cultivated and partly this jungle; occupying ground good. At 8 m. 1 1/2 f. Chaudhara, 200 houses, 10 shops. At 7 m. 1 1/2 f. Adhwa, 200 houses, 8 shops.
	Public Agent, Madhya Kant, of Baroda.	Mirasa P.	6	0 1/2	26	7 1/2	Do.	Several wells.	Abrupt.	2,000 houses; occupying ground good. At 3 m. 7 1/2 f. Chaudhara, 40 houses. At 8 m. 1 1/2 f. Adhwa, 100 houses, 8 shops. At 8 m. 3 1/2 f. Chaudhara, 40 houses. At 4 m. 3 1/2 f. Adhwa, 40 houses. At 6 m. 8 1/2 f. Bhadrapur, 30 houses. At 6 m. 4 1/2 f. Dhule Kani, 20 houses.
	Resident at Baroda.	Kacharva	8	7 1/2	28	7	Soil sandy; good cultivated.	Wells and a tank.	6 shops.	400 houses; occupying ground good. At 8 m. 1 1/2 f. Dhule Kani, 40 houses. At 4 m. 3 1/2 f. Chaudhara, 200 houses, 10 shops.
		Resident at P.	11	4 1/2	31	4 1/2	Do.	Abrupt.	Abrupt.	Large town. At 8 m. 4 1/2 f. Wamara, 250 houses, 8 shops. At 4 m. 4 1/2 f. Duggarva, 100 houses, 8 shops. At 3 m. 4 1/2 f. Kani, 200 houses, 12 shops.
		Jamni	8	5 1/2	30	3	Do.	3 wells and a tank.	8 shops.	180 houses; occupying ground good; country cultivated. At 8 m. 3 1/2 f. Pahlun, 25 houses, 1 shop. At 8 m. 3 1/2 f. Harsapur, 25 houses. At 4 m. 3 1/2 f. across the Roopar river, 100 yards wide, banks very. At 5 m. 5 f. Gomda, 1,500 houses, 40 shops; water abundant.
	Political Superintendant at Pahlunpoor.	Pahlun	11	1 1/2	71	8 1/2	Do.	Barren; no water.	20 shops.	125 houses; occupying ground good. At 3 m. 4 1/2 f. Chaudhara, 200 houses. At 8 m. 7 1/2 f. Madhe Harsapur, 30 houses. At 4 m. 3 1/2 f. Chaudhara, 30 houses. At 6 m. 7 1/2 f. Pahlun, 20 houses, 12 shops, country covered with then jungle.
		Bharsapur	8	0 1/2	80	8	Do.	Wells.	20 shops.	400 houses. At 3 1/2 f. across the Sabarmati river, 200 yards wide, no banks. At 1 m. 3 1/2 f. Maygal, 70 houses, 6 shops. At 8 m. 3 1/2 f. Roopar, 200 houses, 4 shops. At 6 m. 3 1/2 f. Lohana, 25 houses; country cultivated.
		Pahlunpoor Kani P.	8	4 1/2	88	8 1/2	Do.	Abrupt.	Abrupt.	Large walled town, residence of the Deputy and Political Superintendant of the District Free Office; occupying ground good, near the Political Superintendant's bungalow. At 1 m. 4 1/2 f. Chaudhara, 10 houses. At 8 m. 3 1/2 f. Pahlunpoor, 12 houses. At 8 m. 3 1/2 f. Wamara, 20 houses, 7 shops. At 4 m. 4 1/2 f. across the Sabarmati river, 250 yards wide, banks very. At 4 m. 8 1/2 f. Lohana, 20 houses; country open.
		Carried over.			88	8 1/2				

Authority		Name of Stage	Distance		Road and Trail	Water	Supplies	Remarks	
Ministry	Col.		Stages	Total					
			Miles	Feet					
General Officer Commanding Northern Division Assam	Political Officer (resident) of Patkum	Through over		80	80				
		Olderone	7	81	91	11	Well sandy; good water	Wells	8 Stages
		Barua	11	14	104	8	Do.	Wells; some on the river at the distance of 4 stages	4 Stages
		Cross Ganges river to Garo	10	14	114	7	Do.	Well and river	None
		Assam	14	4	130	8	Do.	Abundant	Abundant
		Assam	8	7	137	11	Country well road as far as Taltola the rest very steep and difficult for Indian carts	Abundant	Abundant
		Assam	8	7	137	11	Country well road as far as Taltola the rest very steep and difficult for Indian carts	Abundant	Abundant
		Assam	8	7	137	11	Country well road as far as Taltola the rest very steep and difficult for Indian carts	Abundant	Abundant
		Assam	8	7	137	11	Country well road as far as Taltola the rest very steep and difficult for Indian carts	Abundant	Abundant
		Assam	8	7	137	11	Country well road as far as Taltola the rest very steep and difficult for Indian carts	Abundant	Abundant
Total				137	11				
14 Stages									

Note—The distance by the G. R. R. was 12.4 mi. 3.75 miles less.

To Current as above	115	71
Leaves of hall	8	8
Leaves of hall	8	8
Along	8	8
	8	8
Total	115	0

1st page is a different one.

The route via Dover is as follows:-

Almondshells in Dorn	30	7	under Table No. 1
Dorns in Above	51	8	" " " 125
Total	145	15	

Total 145

TABLE No. 2  
FROM AHMEDABAD TO BARODA, BY KAIBA AND NERAD.  
GENERAL DIRECTION, N.E. to S.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Percentage.	Miles.	Percentage.		
General Officer Commanding, Nagpur Division, Ahmedabad.	Collector of Ahmedabad.	Ahmedabad Cantonment Church to Barva.	8	71	Tolerable cart road, but dry weather; ground heavy and rocky, and cut up by ruts, and very difficult in the rains.	Soft, and a large tank.	Limited; 5 shops.	200 houses. At 1 m. 2 1/2 f. road to the Railway Station branches off on left. At 1 m. 3 f. cross the railroad. At 8 m. 2 1/2 f. the road from Durni joins on right. At 3 m. 2 1/2 f. the Durni gate of Ahmedabad; pass through the gate to the Jamalpur gate at 4 m. 2 1/2 f.; and at 7 m. 1 1/2 f. pass Darnapur, 75 houses, on the right; country open and cultivated.
		Lake II.	0	2				
		Kaiba (Tawa) M.P.	9	3				
	Collector of Kaiba.	Nerad P.	12	5	As before, but track rendered by bridge, and very heavy.	Ditto, from tanks and wells.	Ditto	100 houses, and a traveller's bungalow; encamping ground to the left, confined; country as before; cross the Khatri river by a bridge to the north of Lake.
		Amud Mijra P.	12	7				
		Nerad P.	0	0				
		Barva (Darnapur) M.P.	12	0	From Watal to the Nyerad river, and 3 miles a hard well and rough road to the Nyerad river.	Abundant.	Abundant	A walled town, 2,500 houses, at the junction of the Nyerad and Watal rivers. Head Quarters of the General Provincial Battalion, and a Civil Station; two bungalows. 1 1/2 m. from town, good encamping ground near W. Post Office. At 8 m. 7 f. pass Watal, 150 houses, 2 shops. At 8 m. 5 f. Darnapur, 200 houses. At 7 m. 5 f. cross the Watal river.
	Collector of Barva.	Barva (Darnapur) M.P.	12	0				
		Total		71				
	7 March.							

Authorities		Names of Places	Distances		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
		Betwa	8	72	0	72		
		Maknoodahad	13	5	23	87		
		Yarnal	13	7	36	14		
		Remarks as above	34	8	59	11		
		Total			72	87		

*Notes may be saved on this route between Betwa and Washi by proceeding by the route of Maknoodahad, calculated for a wagon route, and then leaving Betwa to the right, but the road is not so good. The stages are as follows:—*

General Officer Commanding Northern Division, Allahabad.

Distances of Betwa.

From Kootra at 8 m., and Kumbhka at 8 m. 3 f. At 8 m. 4 f. cross the Betwa river, narrow, with steady bed and a good soil.

From Kootra at 8 m., and Kumbhka at 8 m. 3 f. At 8 m. 4 f. cross the Betwa river, narrow, with steady bed and a good soil.

Notes.—The Railway Station and General India Railway runs from Betwa to Allahabad 64 miles. The Railway Station is 3 miles from the Cantonment Church at Allahabad on 111 miles from the Church of Betwa.

TABLE No 3 (1)

FROM AHMEDABAD TO BHOOJ, BY SIRKEJ, DRANGDRA, HULWUD, AND  
KAJOORA FORD OF THE RURN (NEAR MALLIA).

GENERAL DISTRICT, W. N. N.

Authorities		Names of Places	Distances		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
		Allahabad Cantonment Church to Sirkej	0	14	0	14		
		Remarks as above	7	84	17	04		
		Total			17	04		

General Officer Commanding Northern Division, Allahabad.

Distances of Allahabad.

From Kootra at 8 m., and Kumbhka at 8 m. 3 f. At 8 m. 4 f. cross the Betwa river, narrow, with steady bed and a good soil.

From Kootra at 8 m., and Kumbhka at 8 m. 3 f. At 8 m. 4 f. cross the Betwa river, narrow, with steady bed and a good soil.

From Kootra at 8 m., and Kumbhka at 8 m. 3 f. At 8 m. 4 f. cross the Betwa river, narrow, with steady bed and a good soil.

General Officer Commanding Northern Division, Alambabad.

Authority.		Karnes of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stage.	Trail.					
			Miles.	Footings.					
			Miles.	Footings.					
General Officer Commanding Northern Division, Alambabad.	Collector at Alambabad.	Brought over	—	17	01				
General Officer Commanding Northern Division, Alambabad.	Collector at Alambabad.	Dudhaka	18	5	25	41	Good winding, among rice-fields & scrubby ground.	Abundant & good from 8 walls and a tank.	Barley, 8 shops. 180 houses; good occupying ground on the north, near the tank. At 3 m. 7 f. Barley, 240 houses; a large wall of good vines, and good occupying ground. At 7 m. 1 f. Kowar, 80 houses. At 8 m. 8 f. Humpoor, 20 houses. At 10 m. 1 f. Madhyar, 180 houses, water and supplies. At 12 m. Madhyar, 100 houses. Country open and cultivated, but swampy.
General Officer Commanding Northern Division, Alambabad.	Collector at Alambabad.	Shapoor	12	7	43	31	Good and hard road after the rains.	Well of rather brackish water; a tank of good water, with path to the well in the hot weather.	Ditto, 2 shops. 200 houses, on the N.E. extremity of the Wall Bowley, or Little Bann; good occupying ground SW. During the rains, and after a fall, the country about Shapoor is flooded, in which case Troops send mules from Madhyar to Jyethar, leaving Shapoor 2 or 3 m. to the south. At 3 m. 4 f. Jyethar, 80 houses, 4 walls. At 5 m. 8 f. Uadigappa, 20 houses, a well, and tank. At 12 m. 6 f. cross rail road. Country open, and partly cultivated.
General Officer Commanding Northern Division, Alambabad.	Collector at Alambabad.	Lockpoor	12	2	36	21	Good and hard road in dry weather.	1 well, slightly brackish; and tank of good water, and path to the well in the hot weather.	Ditto, 2 shops. 220 houses; good occupying ground SW. beyond the tank. At 3 m. Durna Kutyar, 40 houses. At 6 m. 8 f. Madhyar, 20 houses, a tank, and 1 shop. At 10 m. Balak, 20 houses. Country open and barren. Cross the railway near Lockpoor.
General Officer Commanding Northern Division, Alambabad.	Collector at Alambabad.	Cherale	12	4	72	41	Good very winding, but hard and good in dry weather.	Good, Abundant and healthy, from a small tank and wells, in November 1897.	Ditto, 4 shops. 80 houses; good and richly occupying ground E. At 6 m. 8 f. Koyreer, 20 houses. At 8 m. Madhyar, 20 houses, and a tank. At 8 m. 8 f. Uadigappa, 180 houses, water, and supplies. At 11 m. Poydar, 20 houses. Cross a small path to Cherale. Country low open jungle, with cultivation near villages.
General Officer Commanding Northern Division, Alambabad.	Political Agent in Kalyanar, at Bangalore.	Dumadra P.	12	2	81	61	Excellent cart road, rather steep.	Abundant healthy. Madhyar river, a tank, and numerous wells in the road outside the town, all of which are now cultivated.	Abundant. A horse walked down on the Madhyar river; Post Office, and occupying ground good E. of town and left of the main road to Madhyar. At 4 m. 4 f. Lakshar, 80 houses. At 6 m. 7 f. Durnar, 40 houses. Country made, hilly with low jungle, and cultivation near villages.
General Officer Commanding Northern Division, Alambabad.	Political Agent in Kalyanar, at Bangalore.	Jawa	8	6	01	81	Good road, but nearly already rocky, from 3 m. 8 f. to 6 m. leading between two ranges of low hills.	1 well and tank. 120 houses, and a well with the better a little brackish.	Barley. 100 houses; occupying ground NW. At 6 f. cross the Madhyar or Shapoor river, bed sandy, banks low, 25 yards wide. After passing through the hills, the country is an open and cultivated plain, across two wet hills.
General Officer Commanding Northern Division, Alambabad.	Political Agent in Kalyanar, at Bangalore.	Hahar	20	3	101	81	Good and hard road, occasionally stony.	Abundant & good from wells, and a large tank in the NW.; occasionally dry in April.	Abundant. A walked town of 2,000 houses; occupying ground W. of the town near the tank, low and damp. At 5 m. 1 f. Kowar, 80 houses on a large tank.
General Officer Commanding Northern Division, Alambabad.	Political Agent in Kalyanar, at Bangalore.	Maharajdar	11	7	116	41	Good road, but heavy in the beds of the river and walls.	Good, from a large tank, in November, and a well.	Shop. 20 houses; occupying ground good, and rich, in the river near the tank. At 6 m. 8 f. Wadigappa, 180 houses, on the Durnar river, 240 yards broad, bed sandy, opposite bank steep, stream small.
General Officer Commanding Northern Division, Alambabad.	Political Agent in Kalyanar, at Bangalore.	Kajara	12	41	130	1	Excellent cart road, level country.	Abundant, and good, from the Madhyar river.	Shop; but provisions from Madhyar, 12 m. to the west. A small village, on the border of the Bann; occupying ground good. At 3 m. 8 f. Wadigappa, 180 houses, 3 walls, a tank, and 2 shops. At 6 m. Kalyar, 100 houses, 2 shops. The passage of the Madhyar river avoided by crossing here, instead of over Madhyar.
General Officer Commanding Northern Division, Alambabad.	Political Agent in Kalyanar, at Bangalore.	Carried over	—	—	130	1			



Antechamber		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Miles	Perchages				
Stationary	Ordn.		Miles	Perchages				
General Officer Commanding Northern Division, Akumshid	Political Agent in Kachch, at Bhog	To Bhorwar	110	4	.....	.....	.....	Table No. 2. (1)
		To Bhorwar	8	0	.....	.....	.....	A small village on the border of the Bham, encompassing ground low, but good, near the tank. At 8 m. 3 f. Weyjapoor.
		Mamash or Ma- mamash	18	0	.....	.....	.....	A small village; encompassing ground high and good. At 1 mile enter the Bham, which is here 10 miles across; from the shore of Kach to Mamash, 8 m. through level sandy country.
		Shalappoor	0	4	.....	.....	.....	.....
		To Bhog	65	5	.....	.....	.....	Table No. 2. (1)
		Total	113	7	.....	.....	.....	.....
		18 Marches						
		The Route via Kalla to the Bham is —						
		To Kallat	108	5	.....	.....	.....	Table No. 2. (1)
		Kallat	17	7	.....	.....	.....	.....
		Kalla	7	4	.....	.....	.....	.....
		Total	132	16	.....	.....	.....	.....
		18 Marches						
General Officer Commanding Northern Division, Akumshid	Political Agent in Kachch, at Bhog	To Kallat	108	5	.....	.....	.....	Table No. 2. (1)
		Kallat	17	7	.....	.....	.....	.....
		Kalla	7	4	.....	.....	.....	.....
		Total	132	16	.....	.....	.....	.....
		18 Marches						

The route from Akumshid to Bhog, via Ardyah, is given, Akumshid to Shalappoor in Table No. 10 (1), and thence to Bhog, Table No. 20, (1)





TABLE No 4 (I)

FROM AHMEDABAD TO BROACH VIA BARODA.

GENERAL INSTRUCTIONS.

[illegible]

TABLE No 4. (2)

## FROM AHMEDABAD TO BROACH VIA KAIRA AND OMHA.

CENTRAL DISTRICT, &amp;c.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles Pachangh	Miles Pachangh				
General Officer Commanding Southern Division, Ahmedabad.	Collector at Kaira	From Ahmedabad to Ahmednagar.		21 21	Tolerable cart-road, over sandy soil on both sides of the river; it passes through deep and narrow ravines, the roads through which are reported to be generally by the villagers.	Abundant from the Kailash river, and J. roads.	Moderate	Fide Table No. 3 800 houses, and rained soil; water 1 season dry ground; the best ground 5/10, now a tank, and on the road to Dabhoi.
		Omaha	10 0	09 23				
	Resident at Broach.	Padri	8 4	78 27	Ditto	Large tanks, on sandy soil; wells abundant in all ravines.	Abundant	1500 houses; swamp NW; a large stream salt on the bank of one of the tanks. Cross the river at Omaha At 1 = 2/10 Broach, 200 houses.
		Mangrova	10 7	88 34	Good, but sandy	Tanks and wells	Ditto	A large village, swamp on the NW, on good ground. At 4 on ground At 5 = 4/10 some a river At 10 = 1/10 reaches river to Panchavara Fide Table No. 4 (1)
		Lo Broach	28 41					
		Total			115 26			
	10 Marches							

The Omaha ford is seldom practicable until after the 1st of December, and is impassable at high water of spring tides all the year round. The stream is sandy, with a little mud in the centre, and seldom less, after rain (than 3 ft. of water at low tide). Two boats are kept during the rains. If there should be any doubt of the boats at Dabhoi and Omaha being possible, troops marching from Ahmedabad to Broach should be routed by Baroda. — Fide Table No. 4. (1)

TABLE No 4. (3)

## FROM AHMEDABAD TO BROACH VIA DEHWAN.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages						Total	
			Miles Fathangs	Miles Fathangs						
General Officer Commanding Southern Division, Ahmedabad	Collector at Kaira	From Ahmedabad to Kaira.		21	22	Heavy sandy road, ge- nerally through low ravines.	Abundant, from wells and tanks.	Abundant	Fide Table No. 2	
	Resident at Baroda	Dabhoi	10	11	31					33
	Carried over				31					33
A large open village, good managing ground 85 A31 m. 4 f. Khinagar, 60 houses. A12 m. Wanser, 180 houses. A58 m. 7 f. Ondiya, 270 houses, water abundant. A1 8 m. 4 f. Alandis 800 houses, water, and supplies. A17 m. 1 f. Khinagar, 130 houses. Country level, highly cultivated, and much orchard.										

A large open village; good mangrove ground NW At 1 = 4/10 Dabhoi, 80 houses At 2 = 1/10 Wamoor, 120 houses, At 3 = 7/10 Dabhoi, 200 houses, water abundant. At 4 = 4/10 Ahmed 200 houses, water, and supplies. At 5 = 1/10 Dabhoi, 120 houses. Country level, highly cultivated, and much wooded.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Stage	Yard					
			Miles	Feet					
Colonel at Karna		Brought over		81	91				
		Enchal P	11 9	40	14	Good cart-road, very sandy soil	Abundant, from numerous small wells, & a tank.	8000 houses, with a small fort; mosque near the Mulla tank S of the town. Post Office At 8 m 7 f Mulla tank 800 houses. At 8 m 3 f Bama, 400 houses. At 8 m 8 f Pampala, 800 houses. At 8 m 9 f Bala, 300 houses	
		Dehruva	17 31	63	81	Ditto	Abundant, from 10 small wells, tank and tank	400 houses, good surrounding ground west At 3 m pass Dehruva; large village with walls, and a few supplies. At 8 m 4 f Kampo, small village, with a tank, and 2 wells, no supplies. At 9 m Bupcor 3 wells and a tank; no supplies. At 13 m 3 f Bala 300 houses, 10 small 4 wells and tanks; limited supplies.	
		Pandura	8 6	73	14	Good cart road to dry weather, over hill, soil mostly unsuitable for the same than a red soil and walls	3 wells and a tank. Heavy	100 houses From Dehruva across the Mythe river nearly 8 m from bank to bank. At 8 m 4 f from Dehruva, Kanyale, a small village with 4 wells and 3 tanks	
		Yachowar P	8 11	81	63	Ditto	1 large tank, and numerous wells	Abundant, large house	At 8 m 1 f Yachowar 400 houses, with a small fort in the centre. Post Office At 8 m 1 f Yachowar 400 houses and large tank. At 8 m 3 f Bala 80 houses, walls and tank. At 8 m 1 f Bunkia, 30 houses, walls and tank. Country cultivated
		Almasud P	6 3	85	14	Ditto	Abundant	Ditto	An open town. Post Office At 8 m 1 f Margowara 300 houses. At 8 m 4 f over the Dehruva river unsuitable at high water. Country level and cultivated.
		Khyala	11 9	90	14	Ditto	3 wells, and a tank. 1 slope	210 houses, across a small creek to Yara, at 8 m 70 houses. At 8 m 1 f Bala, 80 houses. At 8 m 3 f Bala, 100 houses. 3 wells, walls and tanks. At 8 m 3 f Bama 180 houses. Country level and cultivated.	
		Brach P	13 4			Ditto	Abundant, from 10 wells, tank, and wells	Abundant	A large walled town, on rising ground on the N bank of the Mythe river. Good quarters of the Colonist, Post and Telegraph Office Railway Station; one of the town open ground for encampment on both banks but confined when the crops are raised. At 8 m 3 f Dehruva 300 houses. At 8 m 1 f Bala, 300 houses. At 8 m 4 f Bala 20 houses. At 13 m 3 f Kanyale 180 houses, 4 wells, and 3 tanks. Country cultivated
		Total		112	91				
		11 March,							

NOTE.—There is a small dam here between Abmasud and Brach, but the passage of the Mythe at Dehruva is troublesome and sometimes dangerous. The stream runs above under the right bank, and at many times and low water, from Dehruva to Juma crosses about 2/3 of the bed and is about 3 feet deep. The channel bed is hard and pebbles for some miles at all times during very high water can pass when the sandy surface is dried. The high springs overflow from 5 to 8 m, and if a wind, it is excessive, is so abundant to overflow until some days after the spring. In passing from the 8 bank to the Dehruva only the better of the tide during, the spring is so sudden and violent, that men or carts on the road cannot be overwhelmed by it. There are three ferry boats, and more can be collected at two or three days notice.

TABLE No. 5.

## FROM AHMEDABAD TO CAMBAY, BY KAIRA.

GENERAL DIRECTIONS, &amp;c.

Authority.		Name of Stage	Distance		Food and Fuel	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Northern Division (unofficial)	Calcutta to Kaira	Ahmedabad Station Road to Kaira		21	6 1/2			See Table No. 2
		Dahod	10 11	31	6 1/2	Heavy, sandy road, generally through unimproved, hilly and uncultivated country	Abundant, from wells and tanks.	Abundant. A large village, good surrounding ground. At 1 m 4 f from Dahod, 60 houses. At 5 m 1 f from Dahod, 180 houses. At 11 m 7 f from Dahod, 179 houses. Water abundant. At 5 m 1 f from Dahod, 200 houses. Water and supplies. At 7 m 1 f from Dahod, 200 houses. Country level, highly cultivated, no forest.
		Kaira	30 3	43	6 1/2	Office; not good in the hot weather	Date	A large village, country in fields to the NW. At 2 m 8 f from Dahod, 270 houses. At 3 m 1 f from Dahod, 300 houses. Post Office, a large house, wells and tanks. At 5 m 1 f from Dahod, 200 houses. Country level, but about 100 yards low, and fields to be sown in the rain.
		Cambay Road to Kaira	14 6 1/2			Date	Date	A large well-kept town, the old town of Kaira, at the head of the Gulf, and north of the Mysore river; Post Office; good surrounding ground near the factory on the bank, or to the west near the 12 1/2 m from Dahod. At 2 m 1 f from Kaira, 300 houses. At 4 m 3 f from Kaira, 120 houses, supplies, and water. At 7 m 3 f from Kaira, 200 houses, 5 f from Kaira, 200 houses, and water. At 9 m 3 f from Kaira, 200 houses,

Note.—The voyage from Cambay to Bombay is generally performed in from 8 to 9 days; the return voyage takes more than double that period. The average speed of the Gulf is much impeded by sand banks, which appear to be increasing; and by the strength and rapidity of the tides at various seasons. Except at the springs, none but small boats can approach Cambay, and at low water an expense of some miles of sand is left between the boats and sea. Boats come up to the beach by a winding track of sand.

TABLE No 6

FROM AHMEDABAD TO CHAMPANER.

GENERAL DIRECTIONS, SE by S

Authorities		Stages of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles	Stages				
General Officer Commanding Northern Division Ahmedabad	Collector at Ahmedabad	From Ahmedabad to Chaurasani Church in Gujarat	8	8	Good cart road; for a mile over low lands near Wazir, and sandy.	Wells	10 shops, no decans.	400 houses. At 1 m. S / near Dandera, 286 houses, 4 shops. At 3 m. S / Khatoli, 75 houses, 1 shop. At 7 m. S / Wazir, 180 houses, 3 shops.
		Chaurasani	18	21	Good road, and sandy and heavy in parts through jungle country.	Tatruk river	20 shops, no decans.	800 houses. At 2 1/2 m. S / across Khazra river banks low, bed sandy. At 3 m. S / near Dandera, 400 houses, 6 shops. At 4 m. S / Dandera, 300 houses, 3 shops. At 5 m. S / across a large well. At 6 m. S / Khazra, 40 houses, 1 shop and across the Khazra river 80 yards wide, banks low, bed sandy. At 7 m. S / Jikpur, 80 houses.
		Deccan P.	9	31		Abandoned	Abandoned	A large village, 4,000 houses with Branch Post Office. From Chaurasani the road runs for 3 1/2 / through a narrow and then across the Tatruk river 85 yards wide, banks low bed sandy. At 4 m. S / near Khatoli 300 houses. At 5 m. S / Wazir, 180 houses, 1 shop.
	Collector at Kutch.	Chaurasani	7	41	Good road, and sandy.	Wells and tank	Abandoned, 18A	A large village, 1,200 houses, occupying ground to the west. At 3 m. S / near Khatoli (Khatoli). At 4 m. S / Khazra (Khazra), and across the Khazra river, 15 yards wide, banks low, bed sandy, to Khatoli 100 houses, 1 shop. At 4 m. S / Khazra, 400 houses, 3 shops.
		Deccan P.	8	5		Tank and wells	Abandoned	800 houses with Branch Post Office. At 2 m. S / Dandera 180 houses, 3 shops. At 3 m. S / Dandera, 80 houses, 1 shop.
		Deccan P.	10	1				400 houses, country cultivated. At 1 m. S / Khatoli 175 houses. At 2 m. S / near Khazra 50 houses. At 3 m. S / Dandera, 30 houses, and Chaurasani, 80 houses. At 4 m. S / across Khazra river, 80 yards wide, bed sandy, banks low. At 5 m. S / Wazir, 180 houses, 1 shop. At 6 m. S / Jikpur, 80 houses, 1 shop.
	Resident at Baroda.	From the Ganga River to Amalika	9	5		Ganga river and 11 shop well		100 houses. River 100 yards wide, bed sandy, banks low. At 1 m. S / across the Khazra river, 80 yards wide, bed sandy, banks low. At 2 m. S / Khatoli, 80 houses, and across the Khazra river 80 yards wide, bed sandy, banks low. At 3 m. S / Wazir, 180 houses, 1 shop. At 4 m. S / Jikpur, 80 houses, 1 shop. At 5 m. S / Khazra, 40 houses, 1 shop. At 6 m. S / across the Khazra river 80 yards wide, banks low, bed sandy. At 7 m. S / Wazir, 180 houses, 1 shop. At 8 m. S / Jikpur, 80 houses, 1 shop.
		Hatholi P.	13	0	Good road, black soil	Tank and wells	80 shops	1,000 houses, and Post Office, country cultivated. At 7 / Chaurasani, 15 houses. At 8 m. S / Ratanpur, 125 houses, 3 shops, and across the Khazra river 80 yards wide. At 9 m. S / Khazra, 30 houses, 1 shop. At 10 m. S / Khatoli, 18 houses. At 11 m. S / Khazra, 200 houses, 3 shops.
		Carried over		78	7			

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS	
			Miles		Total						
Railway	Ordn.		Miles	Parasangs	Miles	Parasangs					
General Officer Commanding Northern Division, Ahmedabad	Ordn.	Brought over ..			75	7	Dirt road, black soil	Tanks and wells abundant	10 sheep	20 houses; Somnath a large town situated at the eastern end of the hill at Porabhar	
		Political Agents' House, Kutch at Bharuch	Chowpatty Gate	5	2						
		Total				81					3
		3 Marsbar									
			The route by Mohamadabad is as follows —								
General Officer Commanding Northern Division, Ahmedabad	Ordn.	Collector of Taxes, Ahmedabad	From Ahmedabad to Mohamadabad	22	21	23	Dirt road	Wells and tanks	Abundant	7½ miles to N	
		Marsala P	13	4	21	01					
		Chowpatty market	22	7½							
		Total			87	5					
		3 Marsbar									

TABLE No 72

## FROM AHMEDABAD TO DEESA, BY MYSANA AND SIDHPUR.

GENERAL DIVISION, N. W.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
			Miles	Parasangs						
Railway	Ordn.		Miles	Parasangs						
General Officer Commanding Northern Division, Ahmedabad	Ordn.	Ahmedabad District Court at Ahmedabad	3	4½	3	4½	Well sandy; country flat open and with vines, with rice in clear deep.	Abundant & good. From a large house & tank 27½ houses west of it is a well 1,000 feet and cost Rs 5,00,000	Lined, 5 or 6 steps	200 houses; Chowpatty gate & h of the wells at 3 or 4 f across the distance the level of a ford close to the River at Sidhpur, during the rains a good ferry boat plies here. At 5 m. 7½ f Chowpatty 200 houses & 8 steps At 7 m 4½ f Ahmedabad 190 f in all, 4 steps
		Prasanth	12	3	21	4½	Well sandy; country undulating, partly enclosed, cultivated; road excellent	Good from tank and wells	Tank	Deer
		Carried over			21	4½				

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles.	Furlongs.				
		Brought over.....	...	21	0			
		Langunj, or Langraj B.	0	31	31	11		Soil sandy; country slightly undulating, partly enclosed and cultivated; and some thin jungle.
		Myrana B.P.	12	0	43	04		Abundant, from 2 large tanks, and numerous wells.
		Donja P.	14	0	57	01		Abundant, from 1 large tank, and wells.
		Sidhpur H.P.	7	4	63	44		Soil sandy; country flat.
		Mejta	0	2	74	64		Abundant & good, from wells, and the Surasvattee river.
		Gud	8	0	82	64		Abundant, from 2 large tanks, and the Ummardaltee river.
		Camp near Deesa, Travellers' bungalow, B.P.T.	11	0	...	...		Abundant, from wells, and the Bannas river.
		Total.....	...	83	7			
		0 Murches.						

Encamping grounds have been marked out at all the stages on this line.



TABLE No 8

## FROM AHMEDABAD TO REDUR BY PURANIL

GENERAL DIRECTION N E to S

Authority		Name of Stage.	Distance.		Road and Soil	Water	Supplies.	Remarks.		
			Stages.	Total.						
Military	Civil		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Northern Division Ahmedabad	Collector of Ahmedabad.	Ahmedabad Canton ment General of Yashvi.	12	34	12	14	Clearing sandy road and 4 miles	5 stages	200 houses good occupying ground is table on the right over a wall. At 2 m. 4/ the cart road to Bagda branches off to the left. At 4 m. 4/ a cleared road from the town of Al stretched just on the right. At 5 m. 4/ per Jambur 20 houses 1 mile, no supplies. At 6 m. 1/ Panch 3 houses to the right 10/ houses. At 11 m. 3/ the cart road from Bagda joins on left, country open and well watered.	
	Resident of Puranil.	Chalka	2	4	20	54	Dist.	Dist.	5 stages	20 houses, occupying ground is table on the left. At 2 m. 4/ per Chalka, 100 houses and 5 stages. At 5 m. 3/ Moravia 20 houses and 1 stage. At 6 m. 7/ Dist. say 120 houses 2 1/2 m.
	Collector of Ahmedabad.	Purnag 27	10	2	31	64	Dist.	Ahmedabad	Ahmedabad	A large village of about 2000 houses 2 dharmas, travellers bungalow medical dispensary. Vardol's Infantry, Post Office and Police Station good occupying ground near a large tank on the left of the road. At 2 m. 1/ per Chalkade 120 houses 1 day. At 5 m. 6/ Talpur 120 houses and 5 stages about 3 houses to the right. At 6 m. 4/ Talpur 20 houses. At 9 m. 4/ the cart road from Bagda joins on left.
	Political Agent to Mirza Khatir, at Bagda.	Lavangpur or Al malangpur near Gata 27	12	34	44	85	Clearing road, soil red	Ahmedabad. Good wells and the Haranvati river	Uncleared large houses	A small well laid town on the right bank of the Haranvati river; Post Office, travellers bungalow 2 dharmas and 1 dharmas; the bungalow good occupying ground near the bungalow. At 5 m. 3/ per Khatir 20 houses. At 6 m. 4/ Talpur 20 houses, and 5 stages. At 8 m. 2/ Talpur 20 houses. At 11 m. 1/ Panch 3 houses. At 12 m. 4/ Talpur the canal (bridge). At 13 m. 7/ Haranvati, 20 houses, country open and cultivated.
	Police Subd. Gata 27	Redur South Gata 27	17	34			Dist.	Ahmedabad. From wells and tanks	Ahmedabad	A sort of long town on the skirts of a wild hilly tract, it is built in a ravine which makes it an almost every side, it is cut marked by a small fort on the highest part of the hill on the north and lower dharmas; in between the Raj's palace. Water is abundant from springs in the rocks. The one try to the well at Puranil is level to the north and west, except off the road and well. Travellers bungalow, 2 dharmas, medical dispensary and Post Office good occupying ground near the bungalow. At 6 1/2 m. the Haranvati river 120 yards wide bed rocky banks low. At 1 1/2 m. 4/ per Harpur 10 houses. At 3 m. 7/ Harpur 20 houses. At 4 m. 2/ near the Raj's well 44 yards wide bed rocky banks low very (w. side). At 4 m. 3/ Haranvati's well and temple. At 6 m. 4/ Talpur 12 houses. At 11 m. 3/ Haranvati, 20 houses. At 11 m. 3/ Haranvati 3 houses. At 12 m. 4/ Haranvati 120 houses and 1 stage. At 13 m. 1/ Chalkade 120 houses. At 12 m. 4/ Haranvati 200 houses. At 13 m. 7/ Talpur 12 houses, country open, no cultivation along the road. From 200 yards.
		Total			98	7				
		5 dharmas								



[illegible]

The Route's old Morningstar is as follows —

[illegible]

TABLE No. 9. (2)

FROM AHMEDABAD TO GOGO, BY DHOLKA AND DUNDOKA.

GENERAL DESCRIPTION, &amp;c. ET C.

Articulation		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Fathoms						
General Officer Commanding Northern Division, Ahmedabad.		Ahmedabad Cantonment (Ahmedabad to Karmora)	10	81	10	61	Tolerable cart-road, over level country, soil sandy.	Good, from Bahar-nath river.	Moderate; 3 shops.	200 houses, on the left bank of the Bahar-nath; wooded encamping ground. At 2 m. 2½ f. enter Dabhi gate of city, and pass through it to Jamsampoor gate at 4 m. 2½ f. Country open and cultivated; some two miles to the last mile.
		Bavna	8	34	18	68	Little	Good and above-land, fine wall to the road, and river.	10 shops	400 houses, on the right bank of the Bahar-nath river; good encamping ground W. when the grain is out, near some wells and trees. At 2 m. 8 f. Paliar, 200 houses, 18 shops; from house the road leads for a mile to the bed of a well. At 8 m. 51 f. Jamsampoor, 60 houses; good encamping ground. At 10 m. 7½ f. across the Bahar-nath river by a good ford; bed heavy sand, and small stream. Country as before. The river is always fordable here from October to June, and during the rains after 10 or 12 days' cessation of rain.
		Dholka P.	8	0	27	64	Good road in dry weather, soil black.	Ahmedabad from tank and wells		A weekly open town, of about 6,000 houses; Post Office; good, but rather confined encamping ground near a tank. Two 6 wells on the road; and at 8 m. 2½ f. Malsampoor, 80 houses. Country as before.
		Kata, Bank Gate P.	11	42	38	41	Good hard road in dry weather, over level country, and black soil, but rainy and roughness impossible during and soon after the rains.	Good from a large tank and wells; but blackish in hot weather.	10 shops	200 houses and Branch Post Office; good encamping ground N. or W.; pass 2 wells and 2 tanks, and several villages off the road, and through an open and partly cultivated country, with some low jungle and grass.
		Hastala	14	85	35	35	Little	Moderate from tank and wells in its bed, but some blackish in hot weather.	Moderate; 6 shops.	200 houses; good encamping ground near a tank to the W. At 4 m. 2½ f. Uraol, 80 houses. At 7 m. 7½ f. Gandhin, 100 houses, 8 shops. At 10 m. 4 f. cross the bed of the Gopara river, and at 12 m. 7 f. the Omer river. Country level and open, first part cultivated; from Gandhin to be seeded in the rains between the rivers.
General Officer Commanding Northern Division, Ahmedabad.		Dundoka P.	18	1	68	61	Little	A large tank of indifferent water; good walls to the right, one mile, near some trees, and blackish water from pools to the Bahar-nath river.	Ahmedabad	A small town, with good encamping ground, on the right or N. bank of the Bahar-nath river, under trees; a Collector's bungalow is the town. Post Office. At 6 m. Dindol, 75 houses. At 8 m. 3 f. Bhadla, 80 houses. Country open, with thin jungle, and some cultivation.
		To Gogo	20	11						This Table No. 8. (1)
		Total		254	6					
		12 Mares.								

TABLE No 9 (3)

## FROM AHMEDABAD TO GOGO, BY DAROOKA AND LIMBE

GENERAL DESCRIPTION, S. BY W.

Authorities		No. of Stages	Distance		Road and Soil.	Water	Supplies	REMARKS.			
Military	Civil		Stage						Total		
			Miles	Fathoms					Miles	Fathoms	
General Officer Commanding North and Western Ahmedabad	Collector at Ahmedabad	Ahmedabad Quarter next to Bhagpur			45	31			Vide Table No 8 (1)		
		Bakar	8	8 1/2	53	1	Road good in the wet season	One tank	1 shop	Small village; outcrop near a tank. At 1/2 p.m. W. river banks are 40 feet at At 4 m 8 f. cross Bhakra river, 150 yards wide muddy bed.	
	Political Agent at Bhuj	Bhagpur	15	8 1/2	68	12	Good, sandy soil	From 2 wells on 2 tanks	40 shops	200 houses and 2 dharmas; outcrop ground N.W. At 1 m 6 f. pure Salter 80 houses, 1 shop, and a tank. At 3 m 4 f. Talana, 200 houses, 80 shops, 1 tank. At 11 m 8 f. Dorva, 60 houses, 1 shop, a dharmas, and a tank; country flat and cultivated.	
		Lamara	8	4	76	8	Ditto	Plentiful good Fertilis Strals, and 21 agave trees	Plentiful	A walled town, 200 houses, Post office 4 dharmas, 2 tanks and 1 shop on outside; outcrop NW. At 3 m over the Bhagpur river, 50 yards wide, good water, sandy bed. At 5 m 8 f. good houses, 200 yards wide water, salt bed, sandy. At 4 m 8 f. pure Gajpur 20 houses and a tank. At 7 m 5 f. Khatapur, 180 houses, 10 shops, well and tanks, and 2 dharmas under country as before.	
		Wagur	15	8 1/2	90	13	Ditto	Bhakra river, and 2 tanks	4 shops	200 houses; outcropping ground under trees on the bank of the river, which is 100 yards wide, and 3 feet deep, clear of timber with sandy bed. Leaving Lamara cross the Bhagpur river. At 4 m 8 f. pure Talna, 40 houses, wells to tank, and 1 shop. At 8 m 8 f. cross a well with a little water. At 7 m 2 f. m. The Weaver tree, 150 yards wide, and 3 ft. deep in October. At 8 m 8 f. Khatapur, 200 houses, 14 shops; good water plentiful from wells; open cultivated country. At 11 m. Khatapur, 200 houses, 20 shops, wells to tank. At 14 m 8 f. On the road, 50 houses, 2 of shops and wells in a tank. Country open and cultivated.	
	Collector at Ahmedabad	Dejpur	12	7 1/2	102	1	Ditto	Good, from large deep wells in a hatched grove.	4 shops	200 houses. At 8 m 8 f. cross a large well and 10 small ones near each other; open country. At 8 m 4 f. Ockera or Ockera, 40 houses, 1 shop, and a well, but not good water. At 8 m cross G. river. Wells tanks 20 feet deep, very flat with a little brackish water.	
		To Gogo	54	8							Vide Table No 9 (3)
		Total				107	0				
			16 Muzah								

TABLE No. 10. (1)

FROM AHMADABAD TO HYDERABAD, BY KURBEEH, RAHDINPOOR, NUGGUR PARKUR, AND THE BORDER OF THE BUNN, RAOMA BAZAR, BUDDEENA, AND MAHOMED KHAN KA TANDA.

GENERAL DIVISION, N.W. ST. W.

Authorities.		Name of Stage.	Distance.		Land and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Percentage.				
General Officer Commanding Southern Division, Ahmedabad.	Collector of Ahmedabad.	Ahmedabad Cantonment Church to Ahmedabad.	8 42	9 42	Soil sandy, country flat, open, and cultivated; cart roads rather deep.	Ahmedabad good from a large bazaar and tanks. The lower river was built in A. D. 1460, and cost Rs. 5,00,000.	Ahmedabad or 8 shops.	1,000 houses; occupying ground N. of the wall. At 2 m. 1/2 f. cross the Ahmednagar river, as a first place to the Shahs Bagh, during the rains a good ferry-boat runs here. At 5 m. 7 1/2 f. Chaudhara, 800 houses, 2 shops. At 7 m. 2 1/2 f. Jambhal, 120 houses, 6 shops.
	Resident at Ahmedabad.	Kalka B.P.	8 31	17 73	Soil sandy, country well-fertilized, road good.	Ahmedabad	Ahmedabad	A large village with travellers' bungalow and Post office. At 8 m. 1 1/2 f. Barha, 200 houses, 7 shops. At 5 m. 7 1/2 f. Byad, 260 houses, 2 shops.
	Resident at Ahmedabad.	Karwa B.P.	11 8	29 41	Road excellently hedged and windings; soil sandy, and well-fertilized; tolerable cart-road.	Ahmedabad, from a large tank and well.	Ahmedabad	A walled town and fort, and a fine palace; an old bungalow for travellers; good occupying ground south, also on a tank to the N. a bazaar Post office here. At 8 m. 4 1/2 f. Utratal. At 8 m. 2 1/2 f. Budhara, 20 houses. Country greatly well-fertilized, cultivated, and well wooded.
	Collector of Ahmedabad.	Robatal	14 43	43 14	Road continued by hedging; the last 1/2 f. sandy; soil partly heavy, and occasionally heavy.	Ahmedabad & good from a tank; also 2 wells, 800 feet high.	Sandy; 8 shops.	1,000 houses; country N. or W. At 2 m. 5 1/2 f. Ahmed, 80 houses. At 8 m. 8 1/2 f. Huggara, 20 houses. At 5 m. 1 1/2 f. Chaudhara, 20 houses. At 5 m. 2 1/2 f. Dandapoor, 75 houses. At 8 m. 1 1/2 f. Dandapoor, 20 houses. At 8 m. 4 1/2 f. Fattipoor, 40 houses. Country on before, latterly some jungle.
	Resident at Ahmedabad.	Deodhpore	20 7	63 04	Road much as before; wells provide for water; occasionally some hedged by hedges.	Ahmedabad, but not very good, from 8 tanks, and 2 public wells, in the tanks.	Ditto; 5 shops.	80 houses; a fortified temple, and post from Bahadurpur; good and extensive occupying ground to the N. At 1 m. 7 f. Dabhar, 20 houses, 3 shops. At 8 m. 2 1/2 f. Barha, 20 houses, 2 shops, a good tank, and small fort. At 5 m. 7 1/2 f. Barha, 20 houses. Country level, and generally open, but near Bahadurpur hedged by high milk-bush hedges.
	Natural Superintendent at Bahadurpur.	Moosipoor	12 7	75 11	Ditto	A tank and many wells, but water indifferent.	Ahmedabad	1,000 houses; occupy N. near a tank, or N. At 2 m. 4 1/2 f. Panchdara, 20 houses. At 8 m. cross the Bunn river, with shallow pools in the bed. At 7 m. 7 1/2 f. floor, a large village, 5 shops, and 2 tanks. Country open and flat.
		Baraman	9 8	73 14	Good hard cart-road through open country.	Ahmedabad, from 8 large tanks and 5 public wells.	Ditto	A large fortified town; good occupying ground on either side, the largest tank on the SW. From the small villages of Larva at 1 m. 7 1/2 f. and Karwa at 4 m. 1 1/2 f. Country as before.
		Bahadurpur	14 73	87 05	Good road, over level country, in dry weather, but liable to be flooded between the Baraman and Bunn rivers in the rains.	Ahmedabad & good from tanks and wells.	Ditto	A large walled town; the residence of a Kanab, tributary to the Gellera; numerous trees to the N. and large tanks to N. and W.; occupy on N. or N.E. a bazaar Post office here. At 8 m. 2 1/2 f. cross the Baraman river, low, shallow, and sandy. At 4 m. 5 1/2 f. near Warren, 20 houses. At 5 m. 1 1/2 f. cross the Bunn river, broad and heavy, with deep sand, and water in pools. At 9 m. 4 1/2 f. Mungla, 20 houses, 8 shops.
		Byat	9 4	102 41	Road continued by hedging, and occasionally very heavy; over sandy soil.	A tank	None	A small village. At 8 m. 5 1/2 f. near the ruins of Fattipoor. At 8 m. 1 1/2 f. Bahadur, a small village, with a large tank, and good occupying ground. At 7 m. 7 1/2 f. Mungla tank. Country well-fertilized and sandy, covered with grass and jungle, gradually becoming thicket.
		Carried over		103 41				



Activities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Percentage	Miles	Percentage		
General Officer Commanding Buff Brigade District, Kurrachee		Published September 1944 Thar and Pithor, at Dunsford.						
		Brought over						
		Year Behar	11	8	207	15		
					217	84		
		Year Vignar	17	8	234	11		
		Year Walker and In	16	0	250	21		
		div						
		Vignar	11	8	261	71		
		Home in Bar	20	81	280	81		
		Kashan	10	1	290	74		
		Debban	16	41	306	81		
		R. P.						
		Control over			322	81		
Collector at Hyderabad		Published September 1944 Thar and Pithor, at Dunsford.						
		Brought over						
		Year Behar	11	8	207	15		
					217	84		
		Year Vignar	17	8	234	11		
		Year Walker and In	16	0	250	21		
		div						
		Vignar	11	8	261	71		
		Home in Bar	20	81	280	81		
		Kashan	10	1	290	74		
		Debban	16	41	306	81		
		R. P.						
		Control over			322	81		



Authentication		Station of Stage		Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil	Stages	Total	Miles	Parcels				
		Brought over		815	05				
		Taller B P	18 7	833	25	Good cleared road, over level country, but much intersected by creeks.	Wells	3 shops, small provender on natives; large abundant.	A small village; kangaroo, diurnal, and bunch Fox often. Country cultivated with patches of jungle.
		Gordon Hyler Kiam in Tams. B	10 6½	843	21	Ditto	Ditto	Abundant; 2½ shops	A large village, with butcher and store-rooms. Five small villages of houses at 8 m. E., Gurnee at 9 m. S.E., Mairakia at 8 m., and Joon at 8 m. S.E. Country as above.
		Mitchell Kiam in Tams. B P	16 2	859	8½	Ditto	Abundant, from Occanee river crossed valley	Abundant	A large town, the residence of a Deputy O.L. beton, surrounded by trees and gardens, on the Occanee river which flows by very steeply. b.W. kangaroo, diurnal, and Fox often. At 7 m. S. Kiamapan, 20 houses, 4 shops, on the Occanee; near creek villages along the road. Country as before.
		Mitrovica Gole	12 7	871	21	Road cleared good and level, a range of low mountains left in the hill. On the last 7 m. road met up by creeks.	Abundant, from Occanee river	Moderate	A small village with diurnal, south of the same name near. Five small villages of Mitrovica at 4 m. S., Englewood Lake at 8 m. S.E., Mitrovica Wagon at 8 m. South. Impact at 9 m. S.E., Mitrovica Wagon at 11 m. S.E. Cross the Pallabla river a wide narrow pile bridge. Country as before.
		Hydrated Park B P X	9 1½			Ditto	Occasional, from Pallabla river, and wells (the Pallabla is the source of the Occanee); B in dry from September to March)	Abundant	Four small villages. Country as before but more rocky. The first is on a steep rocky hill, on the right bank of the Pallabla river (2 m. distant). The town is immediately to the N. of the first, and the consequent slope to the W. of the town traverses kangaroo, Fox and Telegraph offices. Katra, the head quarters of the Indian Service Station, is on the right bank of the Indus, about 4½ m. W.
		Total		882	05				
		25 Marches							

[illegible]

The Bureau may generally be considered responsible for Troops from the 1st November to the 15th March, the dates varying from this some 15 days, according to the extent and duration of the epidemic, and the policy in of the GWH, under which the Bureau is directed. A large battery of 8 or several times English to Yaguar, and German to Buenos Aires, between the 12th and 18th of October 1914, and, although the Bureau was busy and nearly in several parts, found no material impediment. Infantry would, of course, and the March more shipping, and should be provided with cranes carrying public of water. All measures by the Bureau should be undertaken at night, on the third and following days from the last outbreak might be held in the direction.

TABLE No 10 (2)

FROM AHMEDABAD TO HYDRABAD, BY VEERAWOW, ISLAMKOTE, AND WUNGA BAZAR.

OFFICIAL DIRECTION, NW ST W

Authorities		Known of Stages.	Distance		Road and Soil	Water	Vegetation	Remarks
			Stages.	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding the 1st Division, Kurrachee		Political Assistant (Lahore) Thore and Parkes, at Quambeh						
								Wdr Table No 10 (1)
		Ahmedabad Cantonment to Bassein tank, near Bassein		162 01				
		Roster or Bassein war tank, near Charnoda	12 01	181 11	Cart road, over rough hilly ground	Ahmedabad & good from tank	None, heavy abundant & good	Good occupying ground, at a fine tank, about 2 m. to the N. of the petty village of Charnoda, under rocky hills. Alt 7 m 6/10m guns, 18 houses, 0 f to SW, under a low rocky range. Country level, with fields and green fields, some parts liable to inundation in the rains.
		Veeravow P.	6 31	170 41	Ditto	Ahmedabad, from tank, and also in them, were also from a public well, the latter being the latter being	Moderate	A village of some 300 houses, surrounded by a dry thorn hedge on the edge and slope of the south side of the Thore; it contains some brick houses, and a ruined fort, to the S as a large shallow lake or tank, which dries early in the year, when wheat is sown from the security and The ruins of the tower of Veeravow are a few hundred yards to the N. and there are several ruined temples in the vicinity of Veeravow, among them, on either side of the road, Mookherjee's Charn, P. near there, school house, Charnoda, and brick Fort office
		Isamkote	11 5	181 11	Cart road, good in general, though heavy in some parts over low rough hills, covered with low scrub, good soil and some of them	well near the tank, and also in them, were also from a public well, the latter being the latter being	None	Good occupying ground, extensive, at the foot of a small hill near the tank. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water.
		Burke	18 4	191 51	The first half of the day is a good road, some of the best half very heavy, rough, several of these	well, 90 feet deep, water good and plentiful for a quantity of country	None, heavy abundant & good	Good occupying ground, extensive, at the foot of a small hill near the tank. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water.
		Isamkote P.	17 0	218 51	Cart road, very heavy, over rough hills, some of the best half very heavy, rough, several of these	large brick built, with 111 feet deep, water good and plentiful for a quantity of country	None, heavy abundant & good	Good occupying ground, extensive, at the foot of a small hill near the tank. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water.
		Wunga	11 0	229 51	Cart road, heavy, over rough hills, some of the best half very heavy, rough, several of these	well 120 feet deep, water good and plentiful for a quantity of country	None	Good occupying ground, extensive, at the foot of a small hill near the tank. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water.
		Mitra (Kote) P.	10 71	237 51	Cart road, heavy, over rough hills, some of the best half very heavy, rough, several of these	good public well, near the fort, 2 feet deep, water good and plentiful for a quantity of country	None, heavy abundant & good	Good occupying ground, extensive, at the foot of a small hill near the tank. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water. At 8 m from, 8 huts, and 1 well of salt water.
		Charnoda		237 51				



TABLE No. 10. (3)

FROM AHMEDABAD TO HYDERABAD VIA NUGGUR PARKUR, ISLAMKOTE MITTEE,  
JAN MAHOMED KA SHUHR, AND GOOLAM ALI KA TANDA.

GENERAL DIRECTION, NW. by W.

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.			
Military.	Civil.	Names of Stages.								
		Stage.	Total.							
		Miles.	Furlongs.	Miles.	Furlongs.					
General Officer Commanding Sind District, Karachi.	Political Superintendent Thurr and Partur, at Connerkote.	Ahmedabad Cantonment to Mittee (Kote.)	...	...	237	3½	.....	.....	.....	Side Table No. 10. (2)
		Bijoodurbon .....	10	0	237	3½	Cleared road over sand hills.	Well.....	.....	Dharumula and Post chowky. At 10 m. pass Mahrta, Tur Betrian and Tur Sangron.
		Kyabkote ..... P.	10	0	203	3½	Ditto	9 wells in the fort, very soon dry; water is not very plentiful.	No forage or provision procurable.	A small old fort in ruins 354 feet by 337, built on a hill on the east of Dhora. Hakra river; cleared road to Nabhoon branches off to the NE., a dharumula, Govt. well, Police thana, Postal chowky, and trees, and an encamping ground.
		Jhoda old ..... P.	12	0	277	3½	Cleared road	Abundant	Provisions of all kinds procurable.	On the right of Dhora Poorun river. Has a Tuppar's dhora, dharumula, a well, garden, Police thana, trees, and Postal chowky. At 6 f. cleared road to Wunga bazar branches off to the SW. At 3 m. cross Dhora Budhuroa. From 8 m. 4 f. Dhora, Poorun river runs west of the road. From Jhoda cleared road to Nabhoon branches off NE. and to Bhaga in Tanda SW.
		Jon Mahomed ka Shahr.	11	0	236	3½	Ditto	3 wells and Poorun river.	Abundant; 20 shops.	180 houses, on the west of the Poorun river; country open and level with thin babool jungle; encamp on the western bank of the river. At 3 m. pass Jhoda now. At 3 m. 6 f. Hyat Leghara and cross the Poorun. At 7 m. Goolam Ali.
	Collector at Hyderabad.	Digree ..... P.	0	1½	295	4½	Good cleared road through low jungle but cut up by canals.	3 wells.....	Ditto, from 40 shops.	173 houses and a dharumula. At 6 m. pass Russad ka Goto, 18 huts, and 1 well; country level, with thin jungle, and much cultivation near villages.
		Ghoolam Ali Tandla.	14	5½	310	2½	Ditto	7 wells and canal.	Plentiful; 40 shops, and forage abundant.	250 houses and a small fort. At 4 m. pass Kaxoo ka Goto, 30 houses, 1 shop, on the Nusserwah canal.
		Agro Manoo.....	11	7	322	1½	Good cleared road over a hard level plain.	Abundant from a large well and canal.	Scanty, but procurable on notice.	18 houses; encamp on the bank of the canal. Pass several small hamlets near the road; country as before.
		Gotaiba .....	10	1	338	2½	Cleared road with some canals.	3 wells.....	Scanty; 3 shops.	50 houses. At 3 m. 4 f. pass Sekundar Laggaroo ka Goto, 10 huts. At 7 m. 7 f. Shaik Boorko, 50 houses, 4 shops. At 12 m. 5 f. Mooli, 80 houses, 8 shops. At 14 m. 2 f. Kheir Mahomed Torn, 40 houses, 5 shops. At 15 m. find Khun Juvur ka Goto, 30 houses; country as before.
		Hyderabad Fort.....	12	0	...	...	Ditto	Abundant	Abundant	At 2 m. 7½ f. pass Pubban ka Goto, 10 houses. At 4 m. 0 f. Janoor ka Goto, 100 houses, 14 shops. At 6 m. 1½ f. Manro, 60 houses, 10 shops. At 8 m. 7 f. Musgrani ka Shahr, 60 houses, 10 shops. At 9 m. 7½ f. Hyder ka Tandla, 200 houses, 16 shops. At 12 m. 1 f. Mahomed Khan ka Tandla, 60 houses, 6 shops. At 12 m. 0 f. cross the Falaifloo river, by a flying bridge from April to September.
Total.....		...	...	361	0½					
29 Marches.										

NOTE.—From Nuggur Parlatu to Hyderabad is the line formed for the Postal horse dak. As it crosses much desert it is not recommended for Troops or travellers.

TABLE No. 11. (1)

FROM AHMEDABAD TO JOOBIA HUNDER via VERBUNGAUM, DRANGDRA, AND MORVEE

GENERAL DIRECTIONS, W. to E.

Articulation		Name of Stage	Distance		Road as it is	Water	Supplies	Remarks		
Mileage	Order		Stage						Total	
			Miles	Fathoms					Miles	Fathoms
General Office Commanding Northern Division, Ahmedabad.	Political Agent at Kutch, & Rajpala.	Ahmedabad to		80	00	Good cart road, sandy and black soil			File Table No. 2 (1)	
		Drangdra	9	4	89	04	Ditto	Well and tank	3 shops	80 houses; surrounding ground W. Little cultivation and low jungle.
		Drangdra	8	05	97	09	Ditto	Good from well and tank	3 shops	280 houses; surrounding ground W.
		Drangdra	13	31	110	40	Ditto	Well and tank	5 shops	180 houses; good harvest; surrounding ground E.
		Morvee	14	8	124	48	Ditto	Drainage river	Abundant	1 small town of 5000 houses; limited on the left bank of the Morvee river; good country (see ground) W. The Point here is the from Morvee to Ahmedabad through and there is a branch Post office at Morvee.
		Crane (Ghat) to Morvee	10	8	134	58	Ditto	Well, tank, and 1 shop		20 houses; surrounding ground S. Water is quite (through) the year but not used in the hot weather.
		Amra	7	64	141	62	Ditto	Well and tank	30 shops	Large village 500 houses with a stone-built gharry on right; surrounding ground E.
		Amra	10	64	151	62	Ditto	Drainage river	30 shops	Large village (see ground) W. Head of Kappara river; surrounding ground W. At 1 = 2 f across the drainage river. At 2 = 3 f a well of good water. At 4 = 5 f Doodee At 6 = 8 f a large tank and pagoda. At 8 = 11 f above the Agre river.
		Amra	8	1	159	63	Ditto	Abundant	Abundant	A large well built walled town and airport belonging to the Chief of Bhamra. (see note of 2000 yards) across to the border which is two miles from the town over a bridge. The Bhamra Post office here. At 8 f a well of good water on left and a tank on right. At 8 = 9 f enter Bhamra which has houses for 8 = 9 f in Bhamra in 11 = 12 f and dry in 11 = 12 f across. At 10 = 11 f a well on right.
		Total	-	-	160	72				
		15 Muzas								

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Paras.	Miles			
General Officer Commanding Northern Division, Aizawl, India.	Tribal Agent at Kailash, all Brigades	Brought over			101 3/4			
		Malgroo	10	9	112 1/4		Abundant	1 large village. At 4 m. S/ over the Bara river (probably both up) to Tinsay, a large village. At 7 m. S/ from village, country cultivated.
		Bikhar	18	1	130 3/4		Little	A large village; swampy on the eastern side. At 8 m. past Khamel. At 8 m. S/ from road, on the S. side, a large, thick forest, impenetrable in places and very high.
		South P	11	2		At 4 m. over a steep ridge	Little	From the village of Bhakthabadi and two four miles in this march. At 4 m. S/ from village, a large, thick forest, impenetrable in places and very high.
		Total			174 1/4			
18 March								

TABLE No 12.

FROM AHMEDABAD TO KHOOON BUNDER, BY DHOLKA, KOTE, AND DHOLERA.

GENERAL DIRECTION, N. Y. N.

[illegible]

NOTE.—Kloon blunder is near the mouth of the Elbow river, which is here a winding creek, through a level tract, scattered by a considerable distance of spicing trees. Though located not immediately below the blunder, as there is much sandy ground to cross, and a change of wet or, particularly high tide, from any one point the ground on a later bank below it. For the same reason and for the convenience of visitors, though the old blunder near the creek or lower blunder than the village of Klono; the best ground is between it and the blunder, near some of the timber. On the 12th November 1867 a recent report of the blunder, and just some of the blunder by the entrance road of 1867. Birds are some up to the blunder at high water or at all times in the air season, and according to spicing birds should be secured, as the numerous glows show.



- General Officer Commanding Madras District Kurnool -

Authorities	Name of Stage	Distances	Road and Soil	Water	Dry place	Remarks
Military	Civil	Stage	Total			
Miles	Fathoms	Miles	Fathoms			
Collector of Kurnool.		Brought over	878	15		
Gajra	18	24	896	41		Good cleared road suitable for travel everywhere
						Good from wells
Ghata	18	24	914	62		Do.
						Abundant
Wadga	8	8	922	47		Cleared road, but the land is very dry and the water is very small. The road is very good and is used for drinking.
						Abundant from wells and from the river. The water is very good and is used for drinking.
Jamadar's house	10	24	932	57		For the first 3 miles the road is very good and is used for drinking. The water is very good and is used for drinking.
						Abundant
Kurnool District Post Office	18	24				Road very good and well marked out; the last 7 miles good made road.
						Abundant
Total			939	57		
54 Miles						

Note.—When the route along the edge of the Range is not suitable (see No. 12) it is to be taken by the route at right angles between Gajra and Kurnool.



TABLE No 13 (1)

FROM AHMADABAD TO KURBACHHEE, BY NUGGUR PARKUR, THE BORDER OF THE RUHN, BUDDHENA, AND TATTA.

## GENERAL DIRECTION VIEW

Anchorage		Name of Stage	Distance.		Road and Soil	Water	Supplies.	Remarks
Electric	Civil		Miles	Fathoms				
		Collector at Hyderabad.						This Table No. 10 (1)
		Ahmedabad Court-house to Budhena.						
		Tharyo	11	5	319	51		180 houses with large halool trees, good surrounding ground N and S. At 2 m. S of Budhena, a small kachal.
		Karva	15	0	341	51		200 houses, good surrounding ground NW or SW. At 6 m. Lakho Anne or Lakho in Part, water scarce and no supplies but storage. About 6 m. from thence, three mosques or tanks on the right.
		Musapur P	9	4	301	14		A town of 40 houses, partly in ruins. Post office and diwanis, surrounding ground N. At 3 m. S = 7/2, and 6 m. S = 6/2, small kachals. Country at first open then jungle with large halool trees.
		Byad Walle in Gate	7	4	308	51		A small village, on the right bank of the Panyaro river. At 3 m. S of Byad in Gann, at 1 m. S of Lakho in Gate at 5 m. Kachal - small kachals on the banks of the Mahmooda canal. At 8 m. S of Durrus in Gann 30 houses & 10 shops on the left bank of the Panyaro river (dry in December 1857)
		Shayla P	9	1	371	51		100 houses, Post office and diwanis on the left bank of the Indus, surrounding ground extensive, but bad.
		Thatta N Gate P	7	3	378	14		The remains of a wealthy and populous city. A British camp was encamped here, 14 m. to the W. on a rising ground in 1850 but was found to be too shallow to be abandoned soon after. Enclosed it was necessary to encamp troops here for a short time, but it is still considered to be the best ground. The Indus is here nearly 4 m. across from bank to bank. The main stream 700 yards broad is deep under the left bank, and is crossed by boats at all times with a view of troops being proceeded from Kotras. After crossing the river leave the petty village of Musapur in Gate to the right, and cross a small called the Gann Wall by a bridge. The border of the small point of cultivation from Thatta is 81 m. (down stream) from the town, when the river is at its lowest it is some 2 m. lower down. Post office, diwanis, and travel here stop at Thatta.
		General Officer Commanding Mad District Kurachhee			379	14		



TABLE No 13 (2)

FROM AHMEDABAD TO KURRACHEE, BY NUGGUR PARKUR, WUNGA BAZAR, AND  
TATTA

GENERAL DIRECTION NW

Authority		Names of Stages	Distances		Road and Road	Water	Vegetation	Remarks		
Village	Old		Stage	Total						
									Miles	Fathoms
General Officer Commanding East District Kurrachee	Political Representative of the District Officer	Almashad, Centre near to Unmashad		14	14			See Table No 10 (1)		
		Barani	9	0	19	14	Heavily rain and wind my over and snow much in the difficult 1st of the water table the head carriage	2 wells, water and lower here trough of barani	Tungo above dust	A few huts. At 3 m several good wells; at 4 m 1st spring, a Pooni there a few small low wells, and a tank water good and at 8 m more wells. Country composed of sand hills, covered with low jungle, and coarse grass
		Mohamud	12	5	30	21	Ditto	1 public stone well and several private wells supplying the about last supply of good water about 15 feet in depth	Ditto	A few huts, no better. At 2 m some wells of good water. At 7 m. Khatana, a small hamlet. 2 wells of good water. At 10 m. Jinnah, the same.
		Wander	11	0	21	11	Ditto	Several wells and water sufficient for a troop of horses	Tungo above dust and good	A few huts. At 4 m 47 Gashah a large village of barani & huts, abundance of water, from 15 wells and some plentiful and good.
		Kori	13	4	23	51	Ditto	Abandoned from wells close to village and 18 others at 8/10 m.	Tungo above dust	20 huts. At 3 m Moham, a few huts above drone of blackish water from several wells and some good and plentiful. At 7 m 8/ Chamse 12 wells water plentiful from wells and good and abundant. At 8 m 4/7 Barani a small village with one well water slightly brackish, and not to be depend upon; large sandy and coarse surrounding ground. At 11 m. 0/7 Barani, 8 or 9 huts
		Taller	0	4	23	11	Ditto	Good and plentiful fell from the sand wells	Tungo good and above dust	A large village
		Deepth 1	8	8	31	71	Ditto	Abandoned from above tank and wells in 12 m tank, at 10 m by spring and no new hole	Abandoned but some plan trial	A large village and mud fort in ruins. Head quarters of a Market with a Pooni there. Police house Post office, Government school house 8 public wells and good surrounding ground. Country composed of sand hills covered with thick low jungle and grass. A few huts huts and 4 tanks in the vicinity
		Wooner to Kori	15	0	23	71	Road over a narrow of heavy sandstone of a moderate height on the sand 1 mile and lower than the thamra	Several wells 11 m of a tank with stone drive on the surface water brackish but plentiful; a little sweet water in the pits	Some plan trial	Scarcely any ground in a sandy valley near 110 tank. At 9 m 3/7 some a good tank on right. 8 wells. Tanks are paved in ring 11 m stage, but they were all dry or silt in 10 m or 12 m. Country composed of sandstone covered with thick low jungle and dry grass
		Carried over			240	71				



TABLE No. 13. (3)

FROM AHMEDABAD TO KURRACHEE, BY VEHRAWOW, ISLAMKOTE, AND WUNGA BAZAR.

GENERAL DESCRIPTION, &amp;c.

Authorities		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Fathoms.					Miles.
General Officer Commanding British Division, Hyderabad.	Collector at Hyderabad.	Ahmedabad to Wunga Bazar.	—	—	200	12	—	—	File Table No. 13. (2)
		Wunga Bazar to Kurrahee.	13	31	230	61	—	—	File Table No. 13. (3)
		Kurrahee to R.P.	14	6	200	34	—	—	
		To Kurrahee.	118	91	—	—	—	—	File Table No. 13. (1)
		Total.	—	—	424	1	—	—	
		86 Muzas.	—	—	—	—	—	—	

TABLE No. 14. (1)

FROM AHMEDABAD TO MHOW, BY MOONDA, TASRA, GODRA, DOHUD, BHOPAWUR, AMJHREA, AND DEAR.

GENERAL DESCRIPTION, &amp;c.

Authorities.		Range of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stage.	Total.					
Military.	Civil.		Miles.	Fathoms.	Miles.	Fathoms.			
General Officer Commanding Western Division, Ahmedabad.	Collector at Kutch.	Ahmedabad to Moonda, to Ullasa.	11	31	80	11		File Table No. 2.  A small town; Post office, occupying ground good, between 2 tanks. Cross the Deodar river, small and dry, to Dohud, 100 houses, at 3 m. 7 1/2. Rajapoor, a few tanks, at 4 m. 11 1/2. Bhopawur, 60 houses, at 5 m. 4 1/2. Cross the Deodar river, dry, narrow, sandy bed, and easy looking, at 6 m. 11 1/2. Country well-attended with this jungle occasionally.	
		Tasra P.	11	31	80	11	Good cart-road, well-attended, from Ahmedabad to Moonda, very dry and sandy; rocky near Rajapoor.		
	Political Agent of Kutch, at Bhachau or Kurrahee.	Moonda	13	8	96	41	Good and sandy, well-attended, from Moonda to Dohud, very dry, and 3 wells.		1200 houses, among near the river. At 1 m. 4 1/2 Bhachau, 80 houses. At 3 m. 5 1/2 Bhachau, 800 houses, 10 shops, on the Gattia river, which flows by an easy ford. At 7 m. 9 1/2 Bhachau, 100 houses. At 9 m. 7 1/2 Bhachau, a small village on the right bank of the Kutch, 800 yards broad, banks high, but some stones, houses easy, some difficult. At 13 m. 4 1/2 across the Kutch river, narrow, but difficult for carts. Country at bottom.
		Carried over.			28	41			

Administration		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles. Per stage	Miles. Per stage				
General Officer Commanding Northern Division, at Akumakul  Political Agent at Kara Kuma, at Kumbha or Kumbha.		Brought over	-	86 41	Good mac road over muddy soil and heavy	Abundant. Good wells and some trails leading to the sea		1000 yds, and a small lot of 400 yds. Fuel (No. 1) 100 yds. At 10 yds. 100 yds. 70 horses 4 days. Both on the same river At 8 yds. 7 yds. 100 horses, 2 days, 4 weeks, remove the last river from Katharapur had many loads brought over At 7 yds. 5 yds. 100 horses, 20 loads At 6 yds. 5 yds. 100 horses, 20 loads At 5 yds. 5 yds. 100 horses, 20 loads At 4 yds. 5 yds. 100 horses, 20 loads At 3 yds. 5 yds. 100 horses, 20 loads At 2 yds. 5 yds. 100 horses, 20 loads At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Cotham	10 7	96 09	Good mac road but muddy soil and heavy	Abundant from large tank		80 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Peepale	9 7	105 72	Good mac road but muddy soil and heavy	Abundant from large tank	1 day	100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Native Dams	8 4	113 8	Good mac road but muddy soil and heavy	Abundant from large tank		100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Jyoti	11 8	124 8	Good mac road but muddy soil and heavy	Abundant from large tank		100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Dahad	7 6	131 8	Good mac road but muddy soil and heavy	Abundant from large tank		100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Katharapur	18 4	149 21	Good mac road but muddy soil and heavy	Abundant from large tank		100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Chavara	8 4	157 21	Good mac road but muddy soil and heavy	Abundant from large tank		100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Pat	9 4	166 21	Good mac road but muddy soil and heavy	Abundant from large tank		100 loads, and a lot of 100 yds. and 100 yds. protection of the road, 100 yds. and 100 yds. The small road leads to Katharapur At 1 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads At 0 yds. 5 yds. 100 horses, 20 loads
		Decided over				175 21		

[illegible]

TABLE No 14 (2)

FROM AHMEDABAD TO KHOW, BY KUPPERWUNJ, VEHRPOOH, LOONAWARRA, AND DOHUB

GENERAL DESCRIPTION I &amp; II

Authorised on		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages	Total						
									Miles	Perchages
	Collector of Ahmedabad	Ahmedabad Dist. to near Chauri to Koon.	14	4	24	4	Good road country open and easy	Ahmedabad water road, & Vehrpooh river	18 shops	500 houses surrounding ground 1/2 m. At 8 or 4 f. Sympson, 17 f. 100000 m. At 8 to 8 f. 100000 m. 10 shops. At 8 to 7 f. 100000 m. 10 houses. At 8 m. 8 f. Koon at 1, 200 houses 8 shops and across the Koon river to Koon
	Collector of Khair	Kharoli	10	05	34	45	Ditto	Water and soil road river	Less led	1 moderately small village across the Vehrpooh river to Khair. At 8 m. 8 f. 100000 m. At 7 m. 8 f. 100000 m.
	Collector of Ahmedabad	Kupperwunj	8	05	42	5	Ditto	Ahmedabad water road & Koon river	10 shops	A large fortified place. Post office, good surrounding ground 1/2 m. At 8 m. 8 f. At 8 m. 8 f. At 8 m. 8 f. At 7 m. 8 f. 100000 m. At 8 m. 8 f. the Koon river
	Collector of Ahmedabad	Dumrao	14	04	56	49	Road good, country level, jungle	Water and soil road	10 shops	A moderately small village, good surrounding ground 1/2 m. At 8 m. 8 f. 100000 m. At 7 m. 8 f. 100000 m. At 8 m. 8 f. 100000 m. At 11 m. 7 f. 100000 m.
	Political Agent Bhor Koon, at Bhoroli.	Belambha	10	0	66	49	Ditto	Water	Ahmedabad	A large village. At 8 m. 8 f. 100000 m. At 8 m. 8 f. 100000 m.
		Boharpore	10	05	76	54	Ditto	Water and soil Dumrao river	Ahmedabad, 80000 houses between two small rivers which run into the Koon about 8 m. to the river, good surrounding ground 1/2 m. At 8 m. 8 f. 7 m. 8 f. 100000 m. 10 houses 8 shops and 2 shops. At 7 m. 8 f. 100000 m. 80 houses 8 shops. The supplies at these places.	
		Loonawarra	7	05	83	59	Easy	80 wells and brook and the Koon river	Ahmedabad	5000 houses, surrounded by a good stone wall the residence of a tributary Raja, and surrounding ground 1/2 m. Post office. From at 8 m. 8 f. 100000 m. 100 houses 8 wells, a bail, and good surrounding ground 1/2 m. At 8 m. 8 f. 100000 m. 4 wells and 1 tank; across the Koon river 1 between them two villages by a rugged hill, across the river 8 feet and two houses, on every hill with thick jungle, cultivation near the villages. The land on the Koon is not very good.
		Aspura	12	4	95	71	Colony good, cart road	Water from 8 feet in wells, and cistern and the other brook	No supplies	A small village. From Dohub to Koon 1000 and 1000 m. across the Koon (1) and three wells.
		Doonab, or Koonab Partapur	10	0	105	81	A bad cart-road, sand between hard banks and winding over the hill and not crossed ground; jungle and rock, from the river 4 miles after leaving last stage for Koon parallel to road	Water from 2 feet in wells and 3 feet	Supplies from a large village at Koon	
		Carry off water			105	81				



Administration		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Miles	Perchages					
Officer	Civil		Miles	Perchages					
General Officer Commanding, Madras District Alwar and	Native Agent, Mysore, at Bangalore.	Brought over		86	5				
		Kudal	13	7	111	4	Good road, travelled by carts, and a good cart road up	Water from Kudal, Mysore	A small village. Good three miles from Kudal. Pass a low table covered ridge of hills which divides Kudal from Coimbatore, reaching this. The country is fertile, and rich in produce. A cart road from Puttur and Jakkur pass here.
		Loosur, or Hosur	7	0	118	44	Delicately good, and fertile. Possible for carts	Small house	A large village and small house on right bank of Mysore river. Country cultivated, and covered with thin jungle, small, and green cotton, with in parts, and nearly barren in others, pass three miles
		Dural, or Dabal P	14	4	132	05	Delicately good and fertile. Road through	Abundant, large tank, numerous wells, and Kudal river	Large town and respectable firm. Post office, Mysore W. on high ground, with a large tank in front and Kudal river on right. Country for the last 10 m. heavy, and the road into low ridges covered with thin brushwood; first part open, cultivated, and partly cultivated; pass six miles
		De Mow	113	8					
		Total			213	8			
		22 Miles.							

Page Table No. 14 (2)

TABLE No 15 (1)

FROM AHMEDABAD TO NEMUCH, BY HURSOL, KHAIRWARA, AND OODEYPOOR.

CENTRAL INTELLIGENCE AGENCY

[illegible]



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles.	Furlongs.				
		Brought over .....	...	80	1			
		Khairwar .....	10	21				
		P.		102	24	Cart road, well sandy...	Abundant, from wells and nalla.	Abundant ... 200 houses, 1 dhurumala, and an old fort. The head quarters of the Maywar Bheel Corps; encompassing ground NE. of the cantonment on the bank of the Badamar nalla. At 1 m. 11 f. pass Kovagum, 30 houses. At 1 m. 7 f. 3 f. Boodawara tank, about 4 f. to the left. At 3 m. 51 f. Rampoor Barwote, small Bheel hamlet. At 5 m. 24 f. Ambarra. At 7 m. 5 f. Bokala, both small Bheel hamlets. At 9 m. 71 f. Barood, 70 houses, water from nalla. At 13 m. 01 f. Bhawaloo. At 14 m. 03 f. Wadia, a Bheel hamlet; crosses several nullas in this march, some difficult for carts. Country hilly and jungly.
		Raktamath .....	0	1				
				111	41	Cart road for 6 miles, the rest cleared.	Wells and the Kavel river.	Abundant, 50 shops. 101 houses, a large dhurumala, and a celebrated temple surrounded by a stone wall, about 2 furlongs to the right on the east bank of the Kavel river; encompassing ground on the west bank. At 1 m. 51 f. pass Koolawara. At 3 m. 31 f. Boodawara, small Bheel hamlets. At 5 m. 2 f. Kapiara, a village scattered over 81 miles. At 5 m. 74 f. cross the Sam river, 100 yards wide, bed stony, banks low, easy for carts. Cross the Badamar nalla 4 times after leaving Khairwar. Country as before.
		Parwad .....	10	01				
		R.		121	41	Cleared road, soil rocky	4 wells and nalla.	4 shops ... 150 houses, dhurumala, and travellers' bungalow; encompassing ground NW. of the village near the bungalow. At 5 m. 51 f. pass Peeplee, 150 houses, scattered over 3 m. At 8 m. 01 f. cross the Parco river. Country as before.
		Teclee .....	10	01				
				132	3	Nulla	Nulla and wells	1 shop, procured from Jowar, about 3 m. NE. 100 houses; encompassing ground in fields on the bank of the nalla. At 2 m. 74 f. pass Bara, 00 houses. At 7 m. 0 f. Puddoon, 150 houses, stretching over more than 3 m. of country. Country as before.
		Kaya .....	10	4				
				142	7	Cleared road, soil rocky, 6 wells, nalla bridged.	1 shops	100 houses; encompassing ground good on the east bank of a nalla. At 2 m. 2 f. pass Barokode, a small hamlet. 4 m. 4 f. Bara Pal, a Bheel hamlet, 4 wells, 8 shops, and a travellers' bungalow. Country hilly and partly cultivated.
		Oodrypoor, east or Sootajjal gate. P.	10	14				
				153	01	Nulla	Abundant	Abundant ... A large walled town situated on the east bank of a fine lake among mountains, the residence of a Rajpoot Prince and the Political Agent in Maywar. The walls & works are in a very dilapidated state; a small detachment of the Maywar Bheel corps is located in the town; encompassing ground in fields near the dhurumala where the road to Nemooh turns to the right. At 4 m. 74 f. pass Valoon, 20 houses, and a large tank called Jogee Talao. At 6 m. 24 f. Dauloo Kijoor, 15 huts. At 7 m. 14 f. Govardum Volas, a few huts, 3 shops, a dhurumala, and Raja's palace. Country hilly.
		Durolee .....	15	4				
				168	41	Good road, nalla bridged.	20 wells and a tank	10 shops ... 100 houses; good encompassing ground to the west near the tank. At 1 m. 3 f. pass a scum on the right and some huts on the left. At 2 m. 1 f. Ooderwar. At 5 m. 2 f. Dobaroo, 10 huts. At 7 m. 1 f. Delaroo gate and ohowko. At 9 m. Arrawad. At 11 m. Dubook, travellers' bungalow on the right and road to Nann Mura (a bustling village of His Highness the Maharaja of Oodepoor 4 miles north) branches off on the left. At 11 m. 5 f. a ohowko. Country hilly up to Dabaroo gate, thence open.
		Carried over .....	...	168	41			

Agent to the Governor-General for the States of Rajpootana, at Ajmere; and Political Agent in Mysore, at Kodagypoor.

General Officer Commanding Mhow Division, Mhow.

[illegible]

TABLE No 15. (2)

FROM AHMEDABAD TO NEEMUCH, BY HUBSOLE, MORASSA, BANSWARA, AND PURTABGURH.

GENERAL DIRECTION, N. N. E.

Authorities		Names of Stages.	Distances		Road and Soil	Water	Supplies	Remarks
			Miles	Percentage				
Military	Civil		Miles	Percentage				
General Officer Commanding Northern Division, Ahmedabad		Ahmedabad to Hubsole	26	0				See Table No. 15 (1)
		Hubsole	10	7	Good cart-road, some parts a little confused by jungle country generally no timber, soil hard and	Good soil, clean 8 shops		180 houses on the right bank of the Myhee river, about 30 yards wide, with a small stream, banks steep, but fertile. At 3 m S of Hubsole, at 6 m S of Purnavara, at 4 m S of Chavara—small villages. Country jungle, with fields near villages.
		Morassa	8	4	Do do	Do do	Ahmedabad	A walled town of 1,800 houses, on the left bank of the Myhee river, good surrounding ground. Country as before. Cross the river by a good ford, near Morassa. Damage Post office here.
		Margol or Yarn	13	8	Part S is good & hard soil, rest rocky, but quite practicable for carts & guns, some by cart-lifting.	Do do from Hubsole river, and well	Do do	A small open town, on the right bank of the Wabark river, surrounded by thick jungle. At 3 m S of Wabark, at 1 m S of Banswar, 100 houses, 8 shops. At 10 m S of Banswar, and through a small patch in the hills of half a mile, way for carts. Part S is, country cultivated, then jungle.
General Officer Commanding Military Division, Mhow		Hubsole to Morassa	7	0	Soil of hard red soil, and gravel, mixed with rock, and confused by jungle country undulating.	A large tank, which runs from 6 m S of Morassa crosses from pda to the left		400 houses, good surrounding ground, 400 yards from the tank. N. but confused by jungle. At 1 m S of the Wabark river, past some small houses, and across some dry fields. Country undulating and jungle.
		Hubsole	8	7	Tolerable cart-road, but steep from the left (to the right), black soil.	Good, from a large tank, and well	Ahmedabad	4000 houses, confused surrounding ground. At 3 m S of the Myhee river, a small stream, with much cultivation. Country very jungle.
		Hubsole	13	1	For 11 m is a tolerable cart-road, but steep and by several ledges of rock, and much confused by jungle. The last 2 m very rocky and steep, with a bad path to the left. 11 m S of, country very undulating.	Good, from a tank, and well	Hubsole, 8 shops	100 houses, surrounding ground confused, and set up by pits to the N. near the tank. At 3 m S of the Myhee river, at 6 m S of Banswar, at 9 m S of Chavara—few houses at each. Country very jungle. There is a short road from Hubsole to Banswar by the tank. At 3 m S of Banswar, 100 houses, 8 shops, 8 wells. Country undulating, and covered by the jungle.
		Hubsole	9	5	The last 3 m is steep, rocky, and confused by jungle. The road open and tolerable, but a little steep.	Ahmedabad from Hubsole	Hubsole, 10 shops	1000 houses, on the high steep W bank of the Myhee river, surrounding ground high, but dry on the bank. At 3 m S of Banswar, 80 houses, and a large tank. At 6 m S of Banswar, 200 houses, 8 shops, 8 wells. Country undulating, and covered by the jungle.
General Officer Commanding Military Division, Mhow		Hubsole to Morassa	1	0	Passage of the Myhee steep, heavy, and difficult, the battery crossed from camp to camp 1 m S of the Myhee crosses and ladders in 5 m	Do do	None	Surrounding ground high, but covered with jungle. Descend to the river by a steep and narrow road 150 yards, stream 3 feet deep, 80 yards wide, and running strong, steeped 100 yards steep and heavy.
		Hubsole	110	4				

Carried over

Antecedents		Name of Stage	Distance		Soil and Soil	Water	Vegetation	Remarks
Military	Civil		Stage	Total				
			Miles	Feet				
General Outline Connecting Khaw Dava on Mbar								
Agreed to the Section of Inspection, at Ayeyar and the Political Agent at Myittha to Chakpaw								
		Brought over		110				
		Upper end of	10	7	121			
		Tubana	10	0	121			
		Thawana	0	5	126			
		Thawana (W. of H. H. H.)	0	4	126			
		Chawana (W. of H. H.)	0	3	126			
		Thawana (W. of H. H.)	15	2	179			
		Thawana	0	4	181			
		Thawana	0	1	182			
		Carried over		182				

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Names of Stages.		Stages.	Total.					
Military.	Civil.	Miles.	Furlongs.	Road and Soil.	Water.	Supplies.	REMARKS.	
		Miles.	Furlongs.					
General Officer Commanding Alwar Division, Alwar.		Agent to the Governor-General for the States of Rajpootana, at Ajmere; and Political Agent in Mewar, at Oodeypore.						
		Brought over.....	190	7				
		Chopna.....	13	0	Road among fields, but much cut up by cart-ruts, and crossing several small streams.	Abundant, from stream and several wells.	3 shops, scanty; forage abundant.	100 houses; good encamping ground NW. At 2 m. 4 f. Dalva, 125 houses, 3 shops. At 0 m. Bhanspora, 25 huts. At 8 m. 6 f. Kurnore, 20 huts. At 11 m. 1 f. Motda, 200 houses, 2 shops. Country as before.
		Gundeer, or Gundeel.....	9	0	Road among fields, but much cut up by cart-ruts, crossing 4 nullas, with stony beds.	Abundant, from a large tank.	Modernists; 2 shops.	200 houses; good encamping ground in fields to the NW. At 2 m. 1 f. Bhanspora; at 3 m. 2 f. Nagpura; at 6 m. Nagdeya; at 7 m. 2 f. Bendra, small villages. Country as before.
		Parialgarh.....	8	1	Road hard, and level, cross 7 nullas, 2 of them with water, one with muddy bed, the rest rocky.	Abundant, from stream and several wells.	Abundant; a large bazar.	A large fortified town in tolerable repair; encamping ground good, to the NE. At 3 m. Jansurroo or Hansoo, 350 houses, and 10 shops. At 6 m. 2 f. Kurria or Kurrawad, 25 huts.
		Battana.....	10	3	Road good, over black soil, but stony between Bannan and Hanore; cross 3 nullas, with hard bottoms.	3 small tanks, and several kitchen wells; scanty in the hot weather.	Abundant; 10 shops.	150 houses; good encamping ground to the E. At 3 m. Amloa, 200 houses, 4 shops. At 4 m. Damsunia, 10 huts. At 6 m. 4 f. Barwaso, 60 houses. At 8 m. 1 f. Pannore, 60 houses. Country an open plain, undulating, and partly cultivated; jungle to the left.
		Jeeva.....	11	0	Tolerable road, rather stony, and cut up by ruts between the 2nd and 3rd miles; thence to the 8th gravelly and level; the rest over black soil.	Abundant, from a fine tank, and numerous wells.	Abundant	A small walled town, and bazar; encamping ground confined and damp, to the NW. At 1 m. 5 f. Thaurra, 70 houses. At 3 m. 1 f. Kajloo, 80 huts. At 4 m. 4 f. Burra, 100 houses, 3 shops, and a large tank. At 8 m. 1 f. Harwar, 60 houses. Country as before, with hills to the left, from the 4th to the 8th mile.
		Neemuch cantonment, fortified square. B.P.T.	10	4	Road good, firm, and gravelly, but cut up by ruts, between the 4th and 6th miles.	Abundant, from wells and nullas.	Ditto	A large cantonment, with the town of Neemuch close to the SE. Travellers' bungalow, Post and Telegraph offices. At 1 m. 6 f. Burkina; at 4 m. 2 f. Bhooma Katta; at 5 m. 3 f. Landa; at 6 m. 1 f. Luknoo—small villages. Country as before.
		Total.....	25	3				
		25 Marches.						
Agent to the Governor-General for the States of Rajpootana, at Ajmere; and the Political Agent in Mewar, at Oodeypore.		This route (from Baroda to Burtana, and thence to Nomanah was marched by No. 6 Light Field Battery (Gondawze), under Captain Scully, in December 1813. There is another road, as follows, from Damsunia to Parialgarh, 30 m. 4 f. shorter than the above, but too rugged and 'jungley' for carts:—						
		Damsunia, as above.....	143	2				
		Boongra.....	13	0	Rugged ghat, and the dense bamboo jungle.	Myhee river	15 shops	A walled village; descend a small stony ghat, near the village of Kuntolo, at 4 m.
		Gumlae.....	13	4	Rugged and through dense jungle.	Scanty, from a nulla.	Nono	A small hamlet. At 1 m. 2 f. cross the Mahoo river, bed 400 yards wide, banks high, but not very difficult; descend a small ghat.
		Loomloos.....	10	2	Stony, and through dense jungle.	Nulla	3 shops	80 houses. At 7 m. 4 f. Koonulpur, 125 houses, 10 shops. Country hilly.
		Parialgarh.....	13	3	Good road, over gravelly soil.	Abundant	Abundant	Pass the Bhool hamlets of Sojapora, Sein, and Kuchotee, and ascend the Kuchotee ghat, practicable for carts. Country open, level, and cultivated.
		To Nomanah, as above.....	33	5				
		Total.....	223	7				
		21 Marches.						

TABLE No 15 (9)

FROM AHMEDABAD TO NEEMUCH, BY HUESOLI, DOONGURPOOR, AND PURTABGURH

GENERAL INFORMATION RE

[illegible]



Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Percentage	Miles	Percentage		
General Officer Commanding Mysore Division, Mysore Agent to the Governor General for the Station of Bangalore, at Mysore and the Political Agent in Mysore at Chikmagalur		Brought over		168	8			
		Bale	8	8	150	8		A large village, but much reduced in extent, pass Kistner, Jogeswari, and I believe Country as before
		Mata	11	8	170	0		180 houses, in an open and cultivated country, pass the hamlets of Nagol and Pura; the former on the River river a small stream in the dry weather, but deep and rapid in the rains, running eastward, 4 miles into the Mysore, not far from the road, on the right, jungle open as before
		Palera	7	8	177	8		Formerly a large place, but much reduced. The last 8 1/2 m. of this stage through thick jungle
		Waldurband	8	8	186	0		I think hamlets pass Mysore with a small stream first water and 80 shops. Country an open jungle with forest land, and cultivation partially interspersed
		Deola	12	4	198	4		An open town on an eminence containing a palace of the Raja of Portugal. Dotted a small place, practicable for carts. At 8 m. pass Dake a small village, with plenty of water, and crossed a stream 1/2 m. called Parab. In the forest Country thick jungle
		Paraburgh	7	4	206	0		A large fortified town, pass Bangalore. From Dake to the first of the great the road runs through a fertile valley, but full of jungle where left in its natural state. From the top of the great the country is highly cultivated.
		Unsettled road	22	8				Full Table No 15 (2)
		Total			222	6		
		20 Mares						

TABLE No 15 (4)

FROM AHMEDABAD TO NERNUCH, BY KHAIRWARA AND SALOOMBUR.

GENERAL DIRECTION, N.E.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Percentage	Miles	Percentage		
General Officer Commanding Mysore Division, Mysore Agent to the Governor General for the Station of Bangalore, at Mysore and the Political Agent in Mysore at Chikmagalur		Ahmedabad to Ner-nuch		111	1			Full Table No 15 (1)
		Corrected over		111	41			



TABLE No. 15. (5)

## FROM AHMEDABAD TO NEEMUCH, BY DOONGURPOOR AND SALOOMBUR.

GENERAL DIRECTION, NE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.					
Military.	Civil.		Stage.	Total.									
			Miles.	Furlongs.					Miles.	Furlongs.			
General Officer Commanding Mhow Division, Mhow.  Agent to the Governor-General for the States of Rajpootana, at Ajmere; and the Political Agent in Meywar, at Oodyspoor.		Ahmedabad to Doongurpoor.	...	...	113	0	Country undulating, and raised into abrupt knolls, with distant hills, and covered with stunted jungle. Road very bad for wheeled carriages.	Tanks and wells...	10 shops	160 houses. Pass Khooschnuggur at 1 m. 2 f.; Kakra at 5 m. 6 f.; Sohi, at 7 m. 0 f.; Dobura, at 9 m. 3 f.; Naraina, at 11 m.; cross 2 nullas.			
		Poonaloo .....	13	0	137	4		Abundant .....	Abundant	A market town. Pass at 1 m. 0 f. from Poonaloo, a difficult and rugged descent for about 400 yds.; cross 4 nullas.			
		Rambora .....	5	0	133	3					Abundant, from Soame river.	Ditto	A large village and bazar; pass Pashpoor at 5 m. 2 f.; at 8 m. Barunda; at 10 m. 4 f. Goora; cross 1 nulla.
		Aspoor .....	13	0	145	2							
		Saloombur (south side).	14	0	159	2	Road tolerably good. in some parts stony.						
		Gengia.....	13	0	172	0	Road practicable for carts, though rugged and often steep, passing over steep ridges or winding round knolls.	Abundant .....	Ditto	A town and bazar; country as before, but the hills are nearer, and there is much jungle about the 6th mile. The eastern shore of the Deybur lake is on the left from the 6th to the 10th mile. Pass Aindra at 1 m. 0 f.; Gunree at 5 m. 2 f.; Dholpoora at 6 m. 4 f.; Mukkuramin at 8 m. 2 f.; and Siruroo at 11 m. 2 f.			
		To Neemuch .....	80	0½	...	...	.....	.....	.....	Vide Table No. 15. (4)			
				Total .....	...	...	253	0½					
		33 Marches.											

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Agreed to the Certificate Claimed for the Status of Resident in 4 years; and the Full Agent is  
Maxwell M. Condit  
 Agent at Conditville

	Distance		Road and Soil	Water	Population	Remarks
	Stage	Total				
	0 0	117 41				
	0 0	117 41				
Curra	0 0	12 11				
Woon	0 2	13 11				
Salakabur	11 7	138 01				
Gangh	12 6	150 01				
Aburabur	14 3	164 01				
Ayrah	13 7	187 01				
Magawere (small village)	18 01	205 01				
To Kewanch	00 01	-				
Total		187 41				
2nd Measure						
The road runs from Salakabur to the top of the hill as follows:-						
To Aburabur	11 0	177 01				
To Kewanch	11 0	177 01				







TABLE No 16 (2)

FROM AHMEDABAD TO NUSSEDERABAD, BY OODEYPOOR AND NATHWARA.

GENERAL DIRECTION: NE

Authority		Name of Stage	Distance		Road and Soil	Water	Supply	Remarks	
M. J. J.	Civil		Stage	Total					
			Miles	Paras					
			Miles	Paras					
General Officer Commanding the Mysore Division, Mysore  Agent to the Commandant General for the Division of Mysore, at Bangalore and the Political Agent at Mysore, at Oodeypoor		Ahmedabad to Oodeypoor		183 01				Table No 15 (2)	
		Oodeypoor	0 0	207 01	Good cart road very level in parts, and hard and rocky	Wells	Moderate	A small village, 100 houses, surrounded by, and soil At 1 m 8/ paras. At 2 m 8/ Dargah. At 3 m 4/ Paras. At 4 m well and above; and at 5 m 7/ cross Chauraha Ghata, which is covered with a gate called "Chauraha" here. At 6 m 11/ a small and distant of the place is of rock. Country hilly and covered with jungle, and several wells with rough soil.	
		Chauraha	2 4	185 41	Do. Do.	Wells	Moderate	A large village, 100 houses, surrounded by, and soil At 1 m 4/ paras. At 2 m 4/ cross a small pond and several distant At 3 m 4/ paras. "Urdu" Wells' temple on a small hill. Country hilly and covered with jungle.	
		Nathwara	12 4	173 04	Rough cart road level and rocky	Abundant	Abundant	A large well (the name of the place of a hill, and above, surrounded by hills, situated on a plain of Hindu pilgrims, occupying ground by the NW on the left hand, of the River. At 4/ paras. At 5 m 1/ Dargah. At 6 m 1/ Dargah. At 7 m 1/ Dargah. At 8 m 1/ Dargah. At 9 m 1/ Dargah. At 10 m 1/ Dargah. At 11 m 1/ Dargah. At 12 m 1/ Dargah.	
		Kanherwadi	2 0	155 04	Good cart road over some low hills, and level and sandy in parts	Do. Do.	Do. Do.	A large well (the name of the place of a hill, and above, surrounded by hills, situated on a plain of Hindu pilgrims, occupying ground by the NW on the left hand, of the River. At 4/ paras. At 5 m 1/ Dargah. At 6 m 1/ Dargah. At 7 m 1/ Dargah. At 8 m 1/ Dargah. At 9 m 1/ Dargah. At 10 m 1/ Dargah. At 11 m 1/ Dargah. At 12 m 1/ Dargah.	
		Kanher	0 0	157 04	Rough cart road country hilly	Do. Do.	Do. Do.	A well (the name of the place of a hill, and above, surrounded by hills, situated on a plain of Hindu pilgrims, occupying ground by the NW on the left hand, of the River. At 4/ paras. At 5 m 1/ Dargah. At 6 m 1/ Dargah. At 7 m 1/ Dargah. At 8 m 1/ Dargah. At 9 m 1/ Dargah. At 10 m 1/ Dargah. At 11 m 1/ Dargah. At 12 m 1/ Dargah.	
		Amrit	1 0	151 41	Very rough cart road, country hilly	Abundant	Abundant	A well (the name of the place of a hill, and above, surrounded by hills, situated on a plain of Hindu pilgrims, occupying ground by the NW on the left hand, of the River. At 4/ paras. At 5 m 1/ Dargah. At 6 m 1/ Dargah. At 7 m 1/ Dargah. At 8 m 1/ Dargah. At 9 m 1/ Dargah. At 10 m 1/ Dargah. At 11 m 1/ Dargah. At 12 m 1/ Dargah.	
		Moonara	1 0	150 41	Very bad and heavy cart road	Wells	8 steps	100 feet, over a rough ground. At 1 m 4/ paras. At 2 m 4/ paras. At 3 m 4/ paras. At 4 m 4/ paras. At 5 m 4/ paras. At 6 m 4/ paras. At 7 m 4/ paras. At 8 m 4/ paras. At 9 m 4/ paras. At 10 m 4/ paras. At 11 m 4/ paras. At 12 m 4/ paras.	
		Chauraha		151 41					



As/Under		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Paras	Miles	Paras				
General Officer Commanding Mhow Division, Mhow  Agent to the Government General for the States of Rajputana and Mewar and the Principal States in Rajputana and Odisha  Chief Commissioner of Ajmer and Agency		Brought over		228	41					
		Chambal	10	0	328	41	Very bad and heavy cart road.	Abundant	Abundant	A large village, occupy NW. At 1 m. 2 / pass Khawar, at 2 m. 4 / Bhogpur, and at 3 m. 2 / Khawar. Country hilly
		Barnana	14	04	342	5	Do	Wells	Proscodile Cross Arava	A small village, occupying ground N. At 2 m. 2 / pass Bhakia. At 3 m. 1 / Kawa. At 4 m. 4 / Gaura. At 7 m. 4 / Gaura. At 8 m. 4 / Karia. At 12 m. 4 / Bhagpur. At 13 m. 4 / Dandabara. Cross Khawar river between Bhakia and Kawa. 100 yards wide, and very bad for wheel and carriage
		Bahore	10	3	352	0	Good cart road, and hard, country hilly	Abundant	Abundant, weekly market on Tuesday.	A small walled town with hill fort, occupying ground SW. At 1 m. 8 / pass Bhore At 4 m. 2 / Gaura. At 6 m. 1 / Bala. At 7 m. 1 / Govindpur Khawar.
		Pattar	7	7	357	7	Do	Do	Abundant	A large village, occupy N. At 2 m. 7 / pass Mogre. At 3 m. 3 / Bhagpur. At 5 m. 7 / Gaura.
		Marsudh	14	2	367	1	Do	Trails and wells plentiful	None	A small walled town, occupy NW. At 2 / pass Govindpur. At 3 m. 2 / Khawar. At 6 m. 3 / Bhagpur and Bhagpur. At 7 m. Dandabara. At 8 m. 4 / Bhagpur. At 12 m. 6 / Bhagpur.
		Kyran	10	3	367	3	Good country cart road, soft red and hard		Scanty	A small village, occupying ground N. at 2 At 3 m. 6 / pass Kalyan and Bhagpur. to the right. At 6 m. 1 / Javala with a strong Gaura. At 8 m. 4 / Javala. Country undulating
		Unascribed	10	0			Good cart road, soft hard	Abundant	Abundant	Unascribed. At 2 m. pass Bhagpur. At 3 m. 2 / Bhagpur. At 6 m. 1 / Bhagpur. Country open
		Total - 22 Marches				367	1			

TABLE No 17

FROM AHMEDABAD TO PATHEH, BY VERBRUNGAUM.

**GENERAL DISCUSSION** 11

As Constructed		Excess of Surplus	Distance		Road and Soil	Water	Supplies	REMARKS.
Military	Civil		Miles	Total				
			Miles	Excess				
General Office commanding Military Division, Alameda	Collector at Alameda	Alameda to Yosemite George Mott	8 1/2	80 7	Road good, well sandy	10 wells and 1 tank.	10 shops	Yale Table No 2 (X)  800 houses and a Chertomale, enclosing ground good 1/2 mile north of tank, pass through the town of Yosemite from the east to the west gate At 2 = 6 / cross the rail road to Walker. At 3 = 2 / pass Downie, 120 houses, 4 shops, and 1 well. Country open and cultivated.
		Fairfax, east gate T	6 1/2	66 1/2				
		Total		87 1/2				
		O. McArthur						
					Delio	60 wells and a large tank.	Alameda, 80 shops	800 towns of 500 houses, about 5 m. from the River, country partially cultivated. 1200 acre milk waste can be carried on here, on camping ground 1/2 mile a tank; Post office and Railway station At 3 = 2 1/2 / pass Coyote, 70 houses 1 shop, and a Chertomale. At 4 = 4 / cross the Kitter river At 5 = 2 1/2 / cross the railroad to Fresno

TABLE No 18

FROM AHMEDABAD TO PUTTUN, BY KURBEH.

GENERAL DIRECTION, NW

Anti order		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
By way	Cost		Stages	Total						
			Miles	Parangs						
General Officer Commanding Northern Division, Ahmedabad		Puttun (Unmanned to Arora)	13	14	23	0	Good cart road, but heavy in parts from sand	20 wells and tanks	250 shops, many	Table No 10 (1) 180 houses. At 4 m 30 / year, 1000 / G. m. 10 / 1000, and at 8 m 10 / 1000. Country mostly
		Gandhinagar or Khamb	13	4	54	0	Ditto	2 do 1 do	20 shops	125 houses. At 1 m 8 / 1000. At 8 m 10 / 1000. At 8 m 10 / 1000. At 8 m 10 / 1000.
		Chandimara	8	14	62	0	Ditto	2 do 1 do	20 shops	A small walled town, 400 houses. At 8 m 10 / 1000. At 8 m 10 / 1000.
		Puttun (North Gate)	10	0			Ditto	Large tanks and	Unmanned	A large town with a good wall and water and dry 4 in. Ground is bounded up to the north, 1000 / 1000. At 8 m 10 / 1000. At 8 m 10 / 1000.
		Total			73	0				
		7 Marches								

TABLE No 19

FROM AHMEDABAD TO RAJKOTE, VIA VDERUMGAUM.

GENERAL DIRECTION, W

Anti order		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stages		Total					
By way	Cost		Miles	Parangs	Miles	Parangs				
General Officer Commanding Northern Division, Ahmedabad		Ahmedabad			52	0	Good road, soil black, 1000 / 1000, and sandy	20 wells	4 shops	140 Table No 11 (1) 200 houses. At 4 m 30 / year, 1000 / G. m. 10 / 1000, and at 8 m 10 / 1000. Country mostly
		Ahmedabad	10	1	162	0				
		Ahmedabad					Good road	2 wells	4 shops	125 houses. At 1 m 8 / 1000. At 8 m 10 / 1000. At 8 m 10 / 1000. At 8 m 10 / 1000.
		Ahmedabad	13	0	175	0				
		Ahmedabad					Ditto	2 do 1 do	20 shops	A small walled town, 400 houses. At 8 m 10 / 1000. At 8 m 10 / 1000.
		Ahmedabad	8	14	183	0				
		Puttun (North Gate)	10	0			Ditto	Large tanks and	Unmanned	A large town with a good wall and water and dry 4 in. Ground is bounded up to the north, 1000 / 1000. At 8 m 10 / 1000. At 8 m 10 / 1000.
		Total			237	0				
		7 Marches								

Authority		Name of Stage	Distance		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Farther, f	Miles	Farther, f		
General Officer Commanding Northern Division, Ahmedabad.	Political Agent in Kathiawar and Rajsthan.	By stage over		127 04	Clear road	20 wells	Abundant, cheap	<p>W. At 8 m 7 f cross Dadas river, banks high bed sandy, breadth 120 yards, easy for carts. At 4 m 3 f Kankar, 5 m 10 f Country open and cultivated.</p> <p>Large town and considerable head quarters of the Political Agent in Kathiawar, Inspector of Police, Post and Telegraph offices. At 4 m 6 f pass Maheswar 30 houses, 2 shops, and wells. At 7 m 8 f Anandpur, 10 houses, At 8 m 11 f cross the Lathpore river by its very bed. At 8 m 57 f cross the Akashwar, 200 yards wide, and easy for carts. Country level, generally cultivated, with thin jungle</p>
		Kankar	8 7	127 71				
		Thakur, Chakrabarti, R. P. 1	10 71					
		Total		140 05				
		12 Marches						

TABLE No. 20

## FROM AHMEDABAD TO SOOBERGAUM, BY PUTTUN.

GENERAL DIRECTION, N.W.

Authority		Name of Stage	Distance		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Farther, f	Miles	Farther, f		
General Officer Commanding Northern Division, Ahmedabad.	Political Agent in Kathiawar and Rajsthan.	Ahmedabad to Puttun	8 3	72 71	Good cart road, but 12 wells 1 tank in dry in parts from road	Large wells, water plenty	Procurable, cheap	<p>Table No. 18</p> <p>At 20 houses, occupying ground N.E. Open Barwanthi river, banks low, sandy bed. At 2 m 1 f pass Anandpur 25 houses, 2 wells, and tank. At 4 m 7 f Gadhra, on the right of the Barwanthi river. Country with off blackish water low banks, and sandy bed, near barwanthi, 20 yards wide.</p> <p>At 6 m 7 f pass Kankar 20 houses 10 shops, and wells. At 8 m 11 f Gadhra, on the right of the Barwanthi river. Country with off blackish water low banks, and sandy bed, near barwanthi, 20 yards wide.</p> <p>At 8 m 11 f pass Anandpur 100 houses, 10 shops, 20 wells 1 tank, occupying ground N.W. Country open and cultivated.</p> <p>There are two villages of this name also kept their occupying ground very good, on the 8 m 20 houses. Pass Anandpur and Kankar.</p> <p>A large village, formerly a military outpost from Dera, occupying ground N.W. and 1 of village, in good hard ground. At 8 m 11 f pass Anandpur a considerable village, large abundant and good water procurable from several wells and a large tank. At 7 m, tank. At 10 m 11 f Dera At 12 m 4 f Barwanthi 200 houses, 2 wells, and 1 tank. When there was an outpost at Barwanthi the troops had sometimes to retreat to Barwanthi for water in the hot weather.</p>
		Puttun	10 81	81 04				
		Barwanthi	10 8	110 41				
		Barwanthi	10 4					
		Total		127 04				
		12 Marches						



TABLE No 21 (2)

FROM AHMEDABAD TO TUNKARIA BUNDER, BY KAIRA, PITLAUD, AND DHUWAN FORD OF THE NUYHEE

GENERAL DIRECTION, S.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Furlongs				
		Ahmedabad to Jam hansar		81	0			See Table No. 4 (2)
		Tunkaria	12	0				Do. No. 21 (2)
		Total		93	0			
		9 Miles.						

TABLE No 21. (3)

FROM AHMEDABAD TO TUNKARIA BUNDER, BY KAIRA AND CAMBAY.

GENERAL DIRECTION, S.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Furlongs				
		Ahmedabad to Cambay by Kaira		81	0			See Table No. 4
		Tunkaria Bunder	12	0				
		Total		93	0			
		9 Miles.						

Note.—This is the most direct route between Ahmedabad and Tunkaria; but, owing to the difficulties of the ferry, it is not really intended for troops.

TABLE No 22

FROM AHMEDNUGGER TO ASSEERGHUR, BY TOKA, AURUNGABAD, AJUNTA, AND  
BOORHANPOOR

GENERAL DIRECTION OF H N

[illegible]

Authority.		Distance.				Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.	Name of Stage.		Stage.	Total.				
		Miles.	Partage.	Miles.	Partage.				
MARATHA PRINCIPALITY, NIZAM'S DOMINIONS. Officer Commanding Hyderabad Force, Hyderabad.	Resident at Hyderabad.	Brought over Ghazal.	20	3	80	0	Country, fertile & level.	Small tank and wells.	2-3 days, from 100 to 150 miles; occupying ground 100-150 miles. At 3 m 2 f cross the Ghazal river, 180 yards wide, banks easy, bed sandy. At 5 m 24 f pass Buzurg 60 houses, 1 shop. At 8 m 24 f cross the Ghazal river 60 yards wide bed sandy, banks easy. At 8 m 8 f commence the ascent of the Ghazal plain a cleared cart road, easy. At 9 m 21 f top of Ghazal. <i>Chak 19 m 1 f from Ghazal.</i>
		Phalagarh B	8	7	82	1	Ditto	Wells & Ghazal river.	Fertile, but low on Mon days.
		Nagpuram	10	0	92	1	Good fur.	Wells and rails.	Same.
		Chamraghina Enkora B	12	1	107	2	Ditto	10 wells.	Fertile & low on holidays.
		Ajanta, 1/2 gate	19	1	120	2	Ditto	Wagpur river and wells rather scanty in the hot season.	Abandoned.
General Officer Commanding Force, Deccan, Poona.	Civil side of 21 m from Ajanta.	Jambhod	8	8	180	6	In open, cut road cleared of jungle, but very unsheltered and rugged in places & covered with thick jungle.	2 wells and a well dry.	2-3 days.
		Sanarode	10	1	160	8	Ditto	Abandoned at all times from the Jambhod river and wells.	2-3 days.
		Shelar B P	14	1	103	0	Clear cut road.	Generally as at Sanarode.	2-3 days in wet season & 7-8 in dry.
		Carried over	180	8					





Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Footpaths				
General Officer Commanding Forces, Hyderabad, Nizam	Chief Commissioner, District, Hyderabad, Nizam	Brought over		198 0				See on this stage and the Tapti river at Chanderpur 780 yards wide high banks sandy soil, fertile as far as a large boat for 100 men always here and more preferable on application to the British at Bhadrachalam. The Tapti is fordable above the junction, at Kumbhari, and the Purna, at Mall Bangra in November.
		Rampoor	6 0	183 6	Good for weather cart. Well road; black soil	3 shops	400 houses, some on the walls. At 8 a.m. 4/10 p.m. Distances 40 houses, 4 wells, no supplies, wells around at Rampoor.	
		Bhadrachalam B. P.	18 1 1/2	185 7 1/2	Same	Abundant, trees and wells	Large walled town on the right bank of the Tapti river, good surrounding ground (purchased in 1871) near the bridge about 1/2 m. W of town surrounded by walls and gardens are old mosque made the town is used as a travellers' bungalow. From here at 1 m. 4 1/2, across Baitree river at 2 m. 8 1/2, and near Bhadrachalam at 3 m. 8 1/2. At 5 m. 2 1/2, Karra, and at 6 m. 8 1/2, Aggar, small villages. At 12 m. 8 1/2, Looose, 200 houses; surrounding ground on a wall. At 12 m. 8 1/2, Bhadrachalam walled village of 200 houses 3 shops. Cross Baitree river and several wells on this stage.	
		Aurangabad, on above B. P.	12 0 1/2					
		Total			211 6			
		17 March						

Note.—There is another route from Aurangabad to Bhadrachalam by Devdakhad as follows —

	after
To Devdakhad	8
Effect of Purna	4 A travellers' bungalow
Bhadrachalam	17
Total	31

Devidakhad Fort is well worth seeing, an order from the Officer Commanding at Aurangabad is necessary to obtain admittance. The route of Effect are about 1 m. from the bungalow at that place.

	m f
From Aurangabad to Effect by road is	40 7 1/2 m. Table No. 20.
Effect to Chanderpur Station by rail is	431 0
Chanderpur Station to Aurangabad by road is	6 8 1/2

TABLE No. 23. (1)

FROM AHMEDNUGGER TO BOMBAY, VIA SEROOR, CHAKUN, KHUNDALLA, PANWELL,  
AND TANNA.

GENERAL DESCRIPTION, &amp;c.

Arched	Name of Bridge	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
Wheeled		Miles	Fathoms				
Wheeled	Ahmednugger to Seroor	8	1	Good road	Shallow	1 place	80 houses, some good ground. On leaving the fort pass the town of Ahmednugger on the right, and at 1 m. 1/2 of the Seroor river (not bridge). 200 yards wide but in low, but sandy. At 2 m. 1/2 wide road to Dindal branches off to the left. At 3 m. 4 1/2 Khargosa, 100 houses, 2 wells. At 4 m. 8 1/2 and 4 m. 7 1/2 pass wells.
	Seroor to Chakun	8	7 1/2	Good	Shallow and water pool.	17 stops	200 houses, (some) houses and stops, passed for 200 m. At 4 m. 1/2 cross the Khargosa river (not bridge) in 3. Khargosa, 300 houses, 4 stops. At 5 m. 1/2 chavara. At 6 m. 7 1/2 a well. At 6 m. 5 1/2 chavara well. At 6 m. 5 1/2 the stopping passed. At 6 m. 1/2 the travellers' bungalow, and at 4 m. 3 1/2 the village of Seroor.
	Chakun to Khundalla	18	0	Good	Shallow	1 place	Continuously good appearance of the road. Near, travellers' bungalow, stops a good 1/2 m. 200 m. and then after. At 11 1/2 pass the Seroor, travellers' bungalow. At 12 1/2 the village of Panja. At 13 m. 4 1/2 Khargosa (small) 20 houses, 1 stop and chavara well. At 14 m. 7 1/2 Khargosa (small), 1 bungalow to left. At 15 m. 7 1/2 a well. At 16 m. 7 1/2 chavara. At 16 m. 1 1/2 a well. At 17 m. 2 1/2 a chavara. At 18 m. 6 1/2 Khargosa, 100 houses, 4 stops. At 19 m. 4 1/2 old road to the left branches off to the right. At 20 m. 4 1/2 Khargosa or 200 houses, 3 stops. At 21 m. 4 1/2 from the Chavara river (not bridge) 100 m. 2/3 travellers' bungalow. At 22 m. 10 to the direct road to Panja house (not bridge) to the left. At 23 m. 1 1/2 Chavara River left and house on right. At 24 m. 0 to old road by the first pass.
	Khundalla to Panwell	14	0	Good	Shallow	1 stop	200 houses, travellers' bungalow and a well; pass hill for 200 m. At 24 m. 4 1/2 a well. At 25 1/2 another well. At 26 m. 4 1/2 the direct road from the bottom, over the Khargosa river pass, and road to Khargosa where the road is off to the left. At 27 m. 7 1/2 Khargosa 200 m. At 28 m. 0 1/2 to 1 m. 4 1/2, at 4 m. 0 1/2, at 4 m. 7 1/2, at 5 m. 1 1/2, at 5 m. 2 1/2, and at 5 m. 4 1/2 pass a well. At 6 m. 6 1/2 Khargosa, 100 houses, 4 stops. At 6 m. 7 1/2 well. At 6 m. 4 1/2 Khargosa, 200 houses, 3 stops. At 7 m. 10 m. 1/2, at 12 m. 1/2, at 13 m. 1/2, at 13 m. 8 1/2, at 14 m. 1/2, and at 15 m. 1/2 pass wells. At 16 m. 1/2 to the village of Panja.
Wheeled	Panwell to Tanna	12	0	Good	Shallow	1 place	200 houses, travellers' bungalow and a well; pass hill for 200 m. At 24 m. 4 1/2 Khargosa 200 houses, 3 stops, and pass 10 m. 1/2 to the direct road. At 25 m. 7 1/2 a well to the right. At 26 m. 4 1/2 Khargosa, 100 houses, 4 stops.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Parangs	Miles	Parangs				
Poon	A Poon	Brought over			80	01	Made road	Abundant, tank wells and wells	Abundant	700 houses and fort a circumvallated town. Post office and Collector's bungalow in camp in fields among trees. At 4 m S of Punnapigraha, 200 houses, and across the Bhoma river to Bhagwan bed of river along a small boat on the river. At 8 m 41/2 Bhoma or Bhoma 110 houses, 3 shops.
		Kharon P	10	52	70	51				
		Warguan	18	52	88	51	Ditto	Ditto	Ditto	

TABLE No. 23. (1)

FROM AHMEDNUGGUR TO BOMBAY, VIA SEROOR, CHAKUN, KHUNDALLA, PANWELL,  
AND TANNA.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.		Ahmednugger Fort.	6	1	Mud road	Abundant	4 shops	90 houses, occupying ground NE. On leaving the fort pass the town of Ahmednugger on the right, and at 1 m. 6½ f. cross the Soma river (iron bridge) 176 yards wide, banks low, bed sandy. At 2 m. 4½ f. made road to Dhad branch off to the left. At 3 m. 4½ f. Kalgaum, 180 houses, 2 shops. At 4 m. 6 f. and 4 m. 7½ f. pass wells.
		Soopa, staging post.	8	7½	Ditto	Wells and wells, water good.	17 shops	100 houses; travellers' bungalow and staging post for 200 men. At 4 m. 4 f. cross the Walmala river (bridged) to Kumbargum, 100 houses, 4 shops. At 5 m. 1 f. Chowko. At 5 m. 7½ f. a well. At 6 m. 4½ f. another well. At 8 m. 7½ f. the staging post. At 9 m. 1 f. the travellers' bungalow; and at 9 m. 2½ f. the village of Soopa.
		Soopa, staging post.	16	0	Ditto	Abundant	Abundant	Entertainment: head-quarters of the Poona Horse; travellers' bungalow, staging post for 200 men. Post office. At 1½ f. pass the Soopa, travellers' bungalow. At 3 f. the village of Soopa. At 2 m. 4½ f. Wagoonda (small) 20 houses, 1 shop, and divurumalla. At 3 m. 7½ f. Wagoonda (large), 1 furlong to left. At 5 m. 7½ f. 2 wells. At 7 m. 2½ f. Chowko. At 8 m. 2½ f. a well. At 8 m. 4½ f. another well. At 9 m. 2½ f. a chowko. At 9 m. 6 f. Kanyangum, 125 houses, 4 shops. At 10 m. 6½ f. old road to the ford branches off to the right. At 11 m. 4½ f. Werraygum, 100 houses, 3 shops. At 13 m. 7½ f. cross the Ghore river (bridged). At 14 m. 3 f. travellers' bungalow. At 15 m. the direct road to Poona branches off to the left. At 16 m. 1½ f. Owarly Khar left, and bears on right. At 16 m. the old road, by the ford joins.
		Kumbargum, staging post.	14	0	Ditto	3 wells	4 shops	185 houses, travellers' bungalow and staging post for 200 men. At 2½ f. a well. At 6½ f. another well. At 2 m. 2½ f. the direct road from the bridge over the Ghore river, joins, and road to Kumbargum station branches off to left. At 2 m. 7½ f. Surudwance, 27 houses. At 3 m. 6½ f., at 4 m. 4½ f., at 4 m. 6½ f., at 4 m. 7½ f., at 5 m. 1½ f., at 5 m. 2½ f., and at 5 m. 4½ f. pass wells. At 5 m. 6 f. Kanyangum, 100 houses, 6 shops. At 5 m. 7½ f. well. At 9 m. 1½ f. Kanyangum, 230 houses, 7 shops. At 10 m. 1 f., at 12 m. 5 f., at 12 m. 1 f., at 13 m. 2½ f., at 13 m. 3 f., and at 13 m. 6 f. pass wells. At 13 m. 6½ f. Kondepoor village.
General Officer Commanding Poona Division, Poona.		LL. 2	13	0½	Ditto	Plethifal, river.	Beam Limited	125 houses. At 4 m. 4½ f. Shikrapoor, 200 houses, 7 shops, and cross the Yel river (bridged). At 4 m. 7½ f. road to Poona branches off to the left. At 5 m. 1 f. Pimphe, 80 houses, 3 shops.
		Total over	60	0½				







As laid out		Name of Bridge	Distance		Road and Soil	Water	Supply	Remarks
No.	Dist.		Stage	Total				
No.	Dist.		From	To				
General College Grounds at Pandharpur - Pandharpur	Collection of Revenue	From the river		131 01				15 houses. At 8:10/ cross the railway. At 8:15/ 1/2. Khajur, 60 houses. At 10:15/ 1/2. Khajur, 200 houses and cross the Thana creek (450 yards wide but rocky). (Sunderbani) The hills continue on the left as before and the road passes close round the northern extremity of the range near Khajur.
		From the river	11 4	106 41	Made road	Abandoned	Water hole	Large village and house. At 1:15/ 1/2. From the left to the Government house, Pandharpur. At 1:30/ 1/2. From the left to the Government house, Pandharpur. At 1:45/ 1/2. From the left to the Government house, Pandharpur. At 1:50/ 1/2. From the left to the Government house, Pandharpur.
	Collection of Revenue	From the river	11 11	-	Data	Data	Data	A large house. At 2:15/ 1/2. From the left to the Government house, Pandharpur. At 2:30/ 1/2. From the left to the Government house, Pandharpur. At 2:45/ 1/2. From the left to the Government house, Pandharpur. At 2:50/ 1/2. From the left to the Government house, Pandharpur.
		Total	-	130 11				
		14 Houses						

Note.—From Pandharpur to Dand by water is 30 miles. The distance is 11 1/2 miles from the bridge end of Pandharpur to Dand. From Dand to Pandharpur is 11 1/2 miles and the route from the bridge at the end of Pandharpur to Dand is as follows:—

From Dand to Pandharpur	11 1/2
From Pandharpur to Dand	11 1/2
From Dand to Pandharpur	11 1/2
From Pandharpur to Dand	11 1/2
From Dand to Pandharpur	11 1/2
From Pandharpur to Dand	11 1/2
Total	44 1/2

The distance by road to Dand from Pandharpur is 44 1/2 miles. From Dand to Pandharpur is 11 1/2 miles.

TABLE No 23 (2)

## FROM AHMEDNUGGER TO BOMBAY, VIA AIRKEE AND PANWELL

(CYCLOPS) DISTANCE, W

Land Util.		Number of Ropes	Distance				Road and Soil	Water	Supply	Remarks
			Stage	Total						
				Miles	Feet	Miles				
No.	Area									
General College Grounds at Pandharpur, District of Pandharpur	Collection of Revenue	From the river to the Government house, Pandharpur.	12	11	13	15	Made road	Water	7 slopes	File Table No. 23 (1) 126 houses. Irrigation. Pandharpur and Pandharpur. At 1:15/ 1/2. From the left to the Government house, Pandharpur. At 1:30/ 1/2. From the left to the Government house, Pandharpur. At 1:45/ 1/2. From the left to the Government house, Pandharpur. At 1:50/ 1/2. From the left to the Government house, Pandharpur.
	Collection of Revenue	From the river to the Government house, Pandharpur.								
	Collection of Revenue	From the river to the Government house, Pandharpur.								





TABLE No. 23. (3)

FROM AHMEDNUGGER TO BOMBAY, BY JOCKLER, MALSERI OR MAHAL SHEET  
GHAT, BHEWNDY AND KULLIAN.

GENERAL DIRECTION W to E

Mileage	C. R.	Ascent	Nature of Stage	Distances				Road and Soil.	Water	Supplies.	Remarks
				Stage	Total	Miles	Feet				
				18	7	18	04				
				19	7	30	72				
				20	7	42	82				
				21	8	54	94				
				22	8	66	106				
				23	8	78	118				
				24	8	90	130				
				25	8	102	142				
				26	8	114	154				
				27	8	126	166				
				28	8	138	178				
				29	8	150	190				
				30	8	162	202				
				31	8	174	214				
				32	8	186	226				
				33	8	198	238				
				34	8	210	250				
				35	8	222	262				
				36	8	234	274				
				37	8	246	286				
				38	8	258	298				
				39	8	270	310				
				40	8	282	322				
				41	8	294	334				
				42	8	306	346				
				43	8	318	358				
				44	8	330	370				
				45	8	342	382				
				46	8	354	394				
				47	8	366	406				
				48	8	378	418				
				49	8	390	430				
				50	8	402	442				
				51	8	414	454				
				52	8	426	466				
				53	8	438	478				
				54	8	450	490				
				55	8	462	502				
				56	8	474	514				
				57	8	486	526				
				58	8	498	538				
				59	8	510	550				
				60	8	522	562				
				61	8	534	574				
				62	8	546	586				
				63	8	558	598				
				64	8	570	610				
				65	8	582	622				
				66	8	594	634				
				67	8	606	646				
				68	8	618	658				
				69	8	630	670				
				70	8	642	682				
				71	8	654	694				
				72	8	666	706				
				73	8	678	718				
				74	8	690	730				
				75	8	702	742				
				76	8	714	754				
				77	8	726	766				
				78	8	738	778				
				79	8	750	790				
				80	8	762	802				
				81	8	774	814				
				82	8	786	826				
				83	8	798	838				
				84	8	810	850				
				85	8	822	862				
				86	8	834	874				
				87	8	846	886				
				88	8	858	898				
				89	8	870	910				
				90	8	882	922				
				91	8	894	934				
				92	8	906	946				
				93	8	918	958				
				94	8	930	970				
				95	8	942	982				
				96	8	954	994				
				97	8	966	1006				
				98	8	978	1018				
				99	8	990	1030				
				100	8	1002	1042				

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
		Miles	Parasangs	Miles	Parasangs				
General Officer Commanding Forces Division Feroze.	Collector of Thanes.	Brought over...			24 64				wade through lofty ranges of mountains, ascending and descending to Thanes at the foot of the Ghats at 7 m 1/2 beyond which was the Kales river. At 3 m from Thanes a descent of 2/ and across the Parnas river. Good ascending ground at 1/2 m from among trees on high ground above the river.
		Wardham	13	7	107 71	The first 4 m wide. Water lilly and grassy. Four more level, very long narrow. 1/2 m from Wardham.	3 stages	10 horses; good ascending ground. About 1 m from Wardham road a wide flat track level, deep and rocky. At 1 m 3/4 from Wardham At 4 m 3/4 from Wardham on the K. Kales river. At 5 m 7/4 from Wardham. At 6 m 3/4 from Wardham 13 horses. At 8 m 1/2 from Wardham 20 horses, and a wall. At 11 m from Wardham, 13 horses.	
		Wardham	8	5	115 14	Wade to the last part of above.	3 stages, near 1st on Fri days.	150 horses in 1 bunch. Post office. The small head of the Ghats at 1 m. Show at 3 m 3/4. At 4 m 3/4, 1/2 m from Wardham at 5 m 3/4.	
		Gordale	12	4	127 51	Good hill through wall.		A small hill. The head of the Ghats at 2 m 3/4. At 3 m 3/4, 1/2 m from Wardham at 4 m 3/4.	
		Kalham	8	7	135 41	Good part lilly with broad road. (The high ridge, 1/2 m from last part good.)	1 stage, near 1st on Fri days.	A large place with Post and Telegraph offices on the left of the Ghats river (crossed by a ferry). The head of the Ghats at 1 m from the Kalham but now much reduced. A large and good ferry boat. Large hotel. The road goes up to the head of the Ghats. At 1 m from the head of the Ghats a steep descent. The Ghats river level deep in 1/2 m from the river but nearly dry at other times. At 3 m 3/4 from Kalham, at 4 m 3/4 from Kalham at 5 m 3/4 from Kalham—all petty markets.	
		Elwanth or Kham...	8	4	143 61	Good road to road open country.	1/2 m from 1st on Fri days.	A small open town, on a level. The head of the Ghats at 1 m from the Elwanth but now much reduced. A large and good ferry boat. Large hotel. The road goes up to the head of the Ghats. At 1 m from the head of the Ghats a steep descent. The Ghats river level deep in 1/2 m from the river but nearly dry at other times. At 3 m 3/4 from Kalham, at 4 m 3/4 from Kalham at 5 m 3/4 from Kalham—all petty markets.	
		Thanes	8	4	151 41	Ditto	Ditto	Ditto	A town with a fort and a large bazaar. The head of the Ghats at 1 m from the Thanes but now much reduced. A large and good ferry boat. Large hotel. The road goes up to the head of the Ghats. At 1 m from the head of the Ghats a steep descent. The Ghats river level deep in 1/2 m from the river but nearly dry at other times. At 3 m 3/4 from Kalham, at 4 m 3/4 from Kalham at 5 m 3/4 from Kalham—all petty markets.
		Wardham	11	4	162 04	Ditto	Ditto	Ditto	A town with a fort and a large bazaar. The head of the Ghats at 1 m from the Wardham but now much reduced. A large and good ferry boat. Large hotel. The road goes up to the head of the Ghats. At 1 m from the head of the Ghats a steep descent. The Ghats river level deep in 1/2 m from the river but nearly dry at other times. At 3 m 3/4 from Kalham, at 4 m 3/4 from Kalham at 5 m 3/4 from Kalham—all petty markets.
		Wardham	11	4	173 11	Ditto	Ditto	Ditto	A town with a fort and a large bazaar. The head of the Ghats at 1 m from the Wardham but now much reduced. A large and good ferry boat. Large hotel. The road goes up to the head of the Ghats. At 1 m from the head of the Ghats a steep descent. The Ghats river level deep in 1/2 m from the river but nearly dry at other times. At 3 m 3/4 from Kalham, at 4 m 3/4 from Kalham at 5 m 3/4 from Kalham—all petty markets.
		Total			177 11				
17 March.									
The direct route from Kalham to Wardham is as follows:-									
General Officer Commanding Boundary Division D. District Boundary.	Collector of Feroze.	To Kalham as above			24 64				
		Wardham	8	0	32 64	1/2 m from 1st on Fri days.	1/2 m from 1st on Fri days.	1/2 m from 1st on Fri days.	
		Through over...			32 64				
General Officer Commanding Boundary Division D. District Boundary.	Collector of Feroze.	Wardham	8	0	32 64	1/2 m from 1st on Fri days.	1/2 m from 1st on Fri days.	1/2 m from 1st on Fri days.	
		Through over...			32 64				
		Total			32 64				

Table No. 12 (1)



Authorities		Name of Village	Distances				Road and Rail	Water	Supplies	Remarks
			Stages		Total					
			Miles	Parangs	Miles	Parangs				
Military	Civil									
Central Office Commanding Forces Division, Poona.	Collector of Ahmednagar	Brought over			47	91				
		Talgaon	8	8	80	11	Road made from W. of W. (the large village and river crossing). Country open and black.		3 shops	180 houses, occupying ground 100 A. 12 f. across a mile (underplod) 15 yards wide but sandy. At 3 m. across the river (underplod) 20 yards wide but sandy. At 5 1/2 m. / Kurnool 80 houses 1 shop, well 200 yds. / W. of W. (small) 15 houses. At 4 m. 1/2 across a m. (underplod) 20 yards wide but sandy. At 4 m. 1/2 / W. of W. (large) 20 houses 2 shops well.
	Dahod		10	7 1/2	57	14	Datta	Wells and wells	3 shops	100 houses, good occupying ground 2. The made road from Poona, pass here. At 1 m. 20 f. across a mile (underplod) 25 yards wide but sandy. At 2 m. 1/2 / across a mile (underplod) 15 yards wide but sandy. At 3 m. 7 1/2 / Kurnool 70 houses 2 shops wells. At 4 m. 2 1/2 / across a mile 20 yards wide. At 4 m. 40 f. / Pimpalgaon 20 houses. At 5 m. 1/2 / across a mile (underplod), 15 yards wide but sandy. At 6 m. 7 1/2 / Kurnool 400 houses, 18 shops. J. of W. At 8 m. 5 1/2 / Pimpalgaon 60 houses.
		Barnar P.	12	1	79	21	Made road	Successively river	Abandoned	A small walled town with houses. Post office, good occupying ground NW. At 1 m. 1 1/2 / Doras (small) 125 houses 4 shops, 1 well. At 4 m. 6 f. / W. of W. 20 houses. At 5 m. 8 f. / W. of W. 20 houses. At 11 m. 4 1/2 / across the river (underplod). At 12 m. 7 1/2 / across Successively river (underplod).
	Collector of Mumbai	Ranch	8	7 1/2	52	11	Datta	Wells and wells	4 shops	900 houses, good occupying grounds 22 and W. At 1 1/2 f. top of a short ascent, very. At 2 m. 2 1/2 f. top of a short ascent, very and short ascent. At 4 m. 1 1/2 f. top of a short ascent.
		Bank Post Office B P T	8	2 1/2	36	12	Datta	Abandoned	Abandoned	A large town with travellers' bungalow. Post and Telegraph office, good occupying ground near the bungalow. At 2 m. 4 f. across the river, 40 yards wide but sandy, banks very (underplod). At 3 m. 4 f. / Chikara 100 houses 3 shops. At 4 m. 1 1/2 / Dandale Railway Station. At 4 m. 4 1/2 / road to Dandale camp to the left. At 7 m. 2 1/2 / wells bridged. At 7 m. 2 1/2 / across the river (underplod). At 8 m. 1 1/2 / across road from Bombay to Mulligappa.
		Mulgaon	14	4 1/2	111	14	Datta	W. of W. river	2 shops	100 houses pass through the town of Mulgaon, and cross the Agri. road at 1 m. 1 f. At 2 m. 5 f. / Successively, 100 houses 1 shop. At 3 m. 3 f. / Gungappa, and Gungappa. At 3 m. 4 f. / Successively 100 houses 1 shop. At 4 m. 2 f. / across the Gungappa river 40 yards wide but sandy. At 10 m. 1 1/2 / Successively 15 houses. At 12 m. 5 f. / W. of W. river.
		Shirgaon	14	2	125	41	Datta	Wells and well	3 shops	100 houses. At 1 1/2 f. across the W. of W. river 80 yards wide but sandy, banks very. At 2 1/2 f. / across the stream (very) of P. of the bank 100. At 3 m. 1 1/2 f. / top of the hill. At 3 m. 1 1/2 f. / Successively, 10 houses. At 3 m. 2 1/2 f. / Successively pass. At 4 m. 3 f. / across the W. of W. river. At 4 m. 1 1/2 f. / across the W. of W. river. At 4 m. 1 1/2 f. / top of the W. of W. river. The village of Waghora is 2 f. to the left. At 11 m. 1 1/2 f. / Chikara Pass 20 houses at the foot of the pass, descent gradual and easy. At 12 m. 1 f. / Chikara. At 12 m. 1 1/2 f. / road from Kurnool to Poona.
	Gardn over				125	41				

Field work		Journal of H. B. S.	Diagrams		Road and Soil	Water	Vegetation	Remarks
Survey	On		Boys	Total				
			Miles	Feet				
Camp and Outpost C. 1000 ft. above sea level.	On 11	Dr. 1000 ft.	10	11	11	11	11	11
		General Mail	10	11	11	11	11	11
		Dr. 1000 ft.	10	11	11	11	11	11
		General Mail	10	11	11	11	11	11
Camp and Outpost C. 1000 ft. above sea level.	On 11	Dr. 1000 ft.	10	11	11	11	11	11
		General Mail	10	11	11	11	11	11
		Dr. 1000 ft.	10	11	11	11	11	11
		General Mail	10	11	11	11	11	11
Camp and Outpost C. 1000 ft. above sea level.	On 11	Dr. 1000 ft.	10	11	11	11	11	11
		General Mail	10	11	11	11	11	11
		Dr. 1000 ft.	10	11	11	11	11	11
		General Mail	10	11	11	11	11	11

Note: The above data are for the first 10 miles of the road.  
 The 11th mile is for the road (7 miles) from the 10th mile to the 11th mile.  
 The 12th mile is for the road (7 miles) from the 11th mile to the 12th mile.

TABLE No. 24. (3)

FROM AHMEDNUGGER TO DHMAUN, via KASSIK, PRINT, AND PALDHU.

GENERAL DIRECTION, NW

Architecture		Names of Bungalows	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles	Perchages					
General Officer Commanding Poona Division, Poona	Collector at Marol	Ahmednugger bungalow Countryside	18	2	111 7 1/2	Black road	8 wells	1 sheep	See Table No. 21 (1) 100 houses; occupying ground good. Pass through the town of Dhamaun and at 1 m. 1 1/2 across the Gohary river 2.25 yards wide bed nearly banks easy. At 1 m. 4 1/2 road to Kallapur branches off to the right. At 8 m. 7 1/2 top of Kallapur river pass. At 7 m. 8 1/2 cross Kallapur river (bridged). At 8 m. 2 1/2 Aswara 30 houses. At 13 m. 3 1/2 Prant, ghat, 80 houses, 4 sheep, and a well.
		Karrungale	18	2 1/2	122 8	Drain	3 wells		84 houses and a Chaurpalla, occupying ground. At 8 m. 3 1/2 Chaurpalla, 30 houses, 2 sheep, and 1 well. At 7 m. 3 1/2 top of the Kallapur ghat. At 8 m. 3 1/2 cross the Chaurpalla river (km. head) at the foot of the ghat. At 8 m. 3 1/2 several, 22 houses also at a well to the right. At 10 m. 1 1/2 road from Dhamaun join.
		Forest near last sherry or glaucous P	0	8	128 6	Ditto	Tank and wells	10 sheep, sugar and supplies, abundance	130 houses, tobacco stores. Minard's 1st sherry. Medical dispensary, branch Post office and Collector's bungalow. At 3 1/2 commences a descent to the Kallapur river (bridged) which is crossed at 1 m. 8 1/2. At 1 m. 8 1/2 commences the ascent of its last water, head. At 3 m. 7 1/2 to 7 m. 22 houses, 1 sheep and 3 wells. At 4 m. 4 1/2 top of last water, good occupying ground. 1 and 2. Country hilly and rocky.
General Officer Commanding Southern Division, Dhamaun	Collector at Dhamaun	Creek, distillery	8	2 1/2	17 0 1/2	Cleared soil, country hilly and rocky	2 wells	none	The valley is divided into 5 parts or waters, 20 m. hills, good occupying ground near the distillery. At 4 m. 1 1/2 pass a fine river in. At 6 m. 8 1/2 enter the Dhara river. Beyond territory. Country hilly and rocky.
		Dhikhal	12	2 1/2	119 8 1/2	Cattle run, country hilly, with thick jungle	1 well	Ditto	30 houses, good occupying ground to the N. At 1 m. 1 1/2 Dhara and Chaurpalla Pass, 20 houses and a spring. At 1 m. 7 1/2 Kallapur At 3 m. 7 1/2 Kallapur 6 houses. At 1 m. 2 1/2 hilly 51 mts. At 8 m. 2 1/2 Dhamaun 10 houses and a distillery. At 7 m. 2 1/2 Kallapur and not road from Dhamaun pass on the left. At 8 m. 8 1/2 of creek, 80 houses. At 10 m. 7 1/2 top of Warrachon Range pass. Country hilly and rocky.
		Chowdhra	8	7 1/2	194 2 1/2	Cultivated	hills and well		20 houses, occupying ground good. At 1 m. 2 1/2 Dhamaun, 10 houses. At 1 m. 3 1/2 top of Dhamaun pass. At 1 m. 3 1/2 hilly, 20 houses, walls and well. At 1 m. 1 1/2 Pass 10 houses. At 8 m. 1 1/2 top of Kallapur ghat and descent commences, at 6 m. 1 1/2 across a well 18 yards wide at the foot of the ghat.
		Chawal	8	7	176 11	Cultivated soil 5 m. 7 1/2 the road made	Kallapur river	4 sheep	120 houses, good occupying ground to the N. At 1 m. 3 1/2 Dhamaun 20 houses. At 1 m. 7 1/2 Dhamaun 10 houses. At 8 m. 7 1/2 enter B. side territory.
		Carried over				182 1 1/2			

[illegible]

TABLE No. 25

FROM AHMEDNUGGUR TO DROLALHE, VIA KOLHAR AND SINKUR  
CENTRAL DIRECTOR, RV

General Officer Commanding Madras Div. road, Madras

Collection of Notes.

Artillery.		houses of the...	Distances.		Road and Soil	Water	Supplies	Remarks.					
Military	Civil		Stage										
			Miles	Furlongs									
		From Alambazgruc to South Division Ordnance Quarter Guard. 1 T	8	54	88	11		Table No. 25 (1)					
		Total			88	11							
		8 Marches.											
There is a shorter route from Shaur to Division Camp by the Chamkhilwan ghaut													
		Chamkhilwan to 8 march Division Camp. Re: new Platform and Quarter Guard. 1 T	18	8	79	21		Table No. 26 (1)					
		Total			81	34							
		8 Marches.											

Table No. 25 (1)

Route for British Transport communication by 50 Officers, 101 Recruits, and 1,304 men. Commencement Road and Platform; Post and Telegraph office. At 8 m. 4 f. cross Durum river, 300 yards wide, bed sandy, bank easy (underlined) At 8 m. 4 f. / Over 180 houses 8 shops At 4 m. 11 f. / Division Railway Station. At 4 m. 8 f. / road to Shaur to the right. At 4 m. 11 f. / Division village 250 houses, 4 shops. At 5 m. 11 f. / cross the Division river, 80 yards wide, bed sandy, banks high At 6 m. 8 f. / Division, 180 houses 20 shops. At 7 m. 7 f. / cross the river, the northern boundary of camp.

Table No. 26 (1)

At 1 m. 11 f. / pass Durum, 20 houses. At 6 m. 8 f. / top of Chamkhilwan ghaut. At 8 m. 1 f. / of ghaut, descent easy but rugged and difficult for carts. At 8 m. 3 f. / cross a well 80 yards wide, bed sandy, banks easy. At 8 m. 11 f. / Durum, 25 houses, 3 shops, well. At 9 m. 8 f. / cross a well 11 yards wide, bed sandy, banks low. At 10 m. 8 f. / cross the Durum river. At 120 yards long, bed sandy, banks high left bank, rocky of the lower river heavy rain. At 11 m. 8 f. / pass road & railway bridge. At 12 m. 1 f. / cross a well, 18 yards wide, bed sandy, banks easy.

North—From Abasco to top of hill by road 40 m + f side Table 1 n. 21.  
From road to top of hill 20 m + f



TABLE No 26  
FROM AHMEDNUGGER TO DHOND, BY KOLGAUM.

GENERAL DIRECTION N.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.					
			Miles.	Parasangs.				
General Officer Commanding Poona Division, Poona.	Collector at Ahmednuggur.	Ahmednuggur Fort Gate to Kolgaum	10	24	Made road	Wells in river and shop wells		No houses occupying ground S. At 1 m 54 / across the Ghore river (new bridge) 170 yards wide, banks low but steady, fordable few hours after heavy rain. At 2 m 1 / 2 road to Poona branches off to the right. At 3 m 54 / Ahmednuggur 100 houses & wells. 2 shops. At 7 m 2 / Khindoli on the right. Country open and cultivated.
		Kolgaum S P	13	41	Ditto	8 wells	8 shops	250 houses. travellers bungalow about a mile from the village; Post office, occupying ground W. Over the Walsala river soon after leaving Khind 30 yards wide but steady banks low fordable a few hours after heavy rain. At 3 m 1 1 / 2 Ghore 50 houses. At 5 m 7 1 / 2 Chokolia, 50 houses, 4 shops water from wells and wells. At 7 m 8 1 / 2 Chokolia at the top of the ghats. At 8 m 3 1 / 2 / foot of ghats descend away. At 11 m 8 1 / 2 / road to travellers' bungalow on left. Country open and cultivated, soil black.
		Ghore	6	94	Ditto	14 wells	5 shops	150 houses occupying ground to the S. At 2 m 1 1 / 2 Chokolia 100 houses, 2 shops and a chowkash.
	Collector at Poona.	Dhond Railway Sta. (on S P)	15	1	Ditto	Shikhar river	Ahmednuggur	The village of Dhond is about a mile to the left, occupying ground NW. travellers' bungalow and branch Post office. At 3 m. 5 1 / 2 Walsala 100 houses 7 wells 43 shops. At 5 m 7 1 / 2 Chokolia. At 8 m. 8 1 / 2 Khind 174 houses 7 shops water from the Ghore river. At 13 m 1 1 / 2 across the Ghore river 100 yards wide but steady banks low fordable a few hours after heavy rain. At 13 m 4 / Ahmednuggur on the right bank of the Ghore 100 houses.
		Total			45	7		
		4 Mares.						

Note.—From Dhond to Poona by rail is 40 m 4/

TABLE No 27 (1)  
FROM AHMEDNUGGER TO JAULNA, BY MOONGHEE PARETUN  
GENERAL DIRECTION, N.E.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages						
			Miles	Parasangs					
City and Military Officer in and of the Poonah Division Poonah.	Collector at Ahmednuggur	Ahmednuggur to Im anjpur		11	3	Made road		See Table No 22	
		Maree	11	2	23	4	Made road, no 1 bank	Wells, and a well. 10 shops no respect to.	250 houses occupying near a mango grove. At 3 m 8/ Koptoor. At 4 m 5/ Pargur, road, 40 houses. At 6 m 71/ Angur, 50 houses 2 shops. Beyond Koptoor seems a broad nearly level, from Im anjpur to near the Joon ghats, which is 84/ long and easy for carts.
		Current over		23	5				



TABLE No. 27. (2)

## FROM AHMEDNUGGUR TO JAULNA, BY AURUNGABAD.

GENERAL DIRECTION, N.E. TO AURANGABAD, THEN E.

Authorities.		Names of Stations.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stages.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
STAFF'S DOMESTIC OFFICER Commanding Hyderabad Subdivisions Force, at Secunderabad.	Resident at Hyderabad, or Political Agent at Aurangabad.	Ahmednuggur Fort main gate to Aurangabad W. gate.	...	...	60	0 1/2	.....	.....	.....	Vide Table No. 23.
		Kurmand .....	14	0	63	0 1/2	Made .....	Abundant .....	Abundant .....	Small village. Cross four miles by bridges to Ohikimiana, a large village at 4 m. 5 f., on the Sookma river, which cross by a ford, 120 yards wide. Cross seven miles by bridges to Ladgunn, at 13 m. 0 f., and pass the small villages of Shendra and Koombal-fal on left and right of road.
		Budnipoor .....	13	4	65	4 1/2	Ditto .....	Abundant, from Doodna river.	Ditto .....	A walled village, on the Doodna river. At 7 m. 5 f. Shaikta, a small village with a bungalow, on the N. bank of the Bowkoo river; road on the S. bank. Pass Sultan, and cross fourteen miles, three of them bridged. The Bowkoo river runs to left of road for 3 m. opposite to Shaikta. It is 90 yards wide.
		Jaulna Cantonment Post Office. P.	12	4	...	...	Ditto .....	Abundant .....	Ditto .....	A large town and Nizam's cantonment. Cross the Doodna river from Budnipoor, 60 yards wide, which soon fills and subsides in the rains. At 2 m. 4 f. the large village of Shaikgaum. At 6 m. 0 f. Nagarwaree, a small village. At 10 m. 3 f. enter the town of (Old) Jaulna; and at 11 m. 4 f. cross the Koondlee river, 120 yards wide, by a ford or raft. In dry weather, 5 f. may be waded by leaving the town to the right and crossing three rivers to camp.
		Total .....	...	...	108	0 1/2				
		8 Marches.								

TABLE No. 28.

## FROM AHMEDNUGGUR TO KALUDGHEE, BY PUNDERPOOR, BEEJAPPOOR, AND BULOOTEE FORD OF THE KRISHNA.

GENERAL DIRECTION, S. BY E.

Authorities.		Names of Stations.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stages.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.	Collector at Ahmednuggur.	Ahmednuggur Fort main gate, to Sakunt.	10	5	10	5	Cleared fair cart-road.	Seema river.....	None .....	12 huts on the Seema river; encamping ground NE. At 2 m. 8 f. Durwarra, on left. Cross the Seema river to Seema Khan, 50 houses at 8 m. 3 f. a fine stream of water, 18 inches deep, channel sandy, banks muddy. At 9 m. 7 1/2 f. Dhasegaum, 1 shop.
		Carried over.....	...	...	10	5				

Station		Name of Station	Distances				Road and Soil	Water	Vegetation	Remarks
			Miles	Feet	Feet	Feet				
Lat	Long									
General Officer Commanding Frontier Division										
Collector at Muzaffargarh										
		Prompt area	11	11	10	4	Cleared for weather	Water from	1 slope	75 houses, good country up ground 87' rise to the road. At 8 m 1 f. 84' high 2 slopes. At 11 m 2 f. 120' high 2 slopes. At 9 m 3 f. 120' high 2 slopes.
		Deerghana	12	7	81	11	Date	Deerghana river and	10 slopes	Deerghana is a large village belonging to the Muzaffargarh district, containing about 120 houses. The bank of the river is a fine country, almost everywhere around 87', no opposite bank. At 11 m 2 f. 120' high, 2 slopes. At 14 m 3 f. 120' high, 2 slopes. At 9 m 3 f. 120' high, 2 slopes.
		Lovastana	14	2	48	81	Date crossing road	Large water and	10 slopes	Deerghana village, good house, containing about 120 houses. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes. At 19 m 2 f. 120' high, 2 slopes.
Collector at Muzaffargarh										
		Karnataka	12	7	00	45	Very bad much cut	Water and wells	1 slope	100 houses, on a small hill. Part of the road crossing up ground 87', part a plain soil. At 11 m 2 f. 120' high, 2 slopes. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes.
		Prison	11	2	72	01	Head land, a little road	Date	2 slopes	100 houses, on a small hill. Part of the road crossing up ground 87', part a plain soil. At 11 m 2 f. 120' high, 2 slopes. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes.
		Barrow Road Railway Station	12	0	88	01	Head very bad, a small	Water and	2 slopes	Deerghana village, good house, containing about 120 houses. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes. At 19 m 2 f. 120' high, 2 slopes.
		Water point	12	41	181	5	Good soil to road, some	Water	1 slope	200 houses, on a small hill. Part of the road crossing up ground 87', part a plain soil. At 11 m 2 f. 120' high, 2 slopes. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes.
		Prasanna	12	4	119	1	Date	Unpleasant	1 slope	100 houses, on a small hill. Part of the road crossing up ground 87', part a plain soil. At 11 m 2 f. 120' high, 2 slopes. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes.
Collector at Muzaffargarh										
		Prasanna	12	5	122	6	Good soil to road, some	Water	1 slope	200 houses, on a small hill. Part of the road crossing up ground 87', part a plain soil. At 11 m 2 f. 120' high, 2 slopes. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes.
		Prasanna	12	5	122	6	Good soil to road, some	Water	1 slope	200 houses, on a small hill. Part of the road crossing up ground 87', part a plain soil. At 11 m 2 f. 120' high, 2 slopes. At 14 m 2 f. 120' high, 2 slopes. At 17 m 2 f. 120' high, 2 slopes. At 18 m 2 f. 120' high, 2 slopes.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.						
Political Agent at Kolapoer.		Brought over.....	...	...	132	8		small villages. Between Seodwaree and Mullawaree cross the Mangunga river, 170 yards wide, fordable in dry weather; cross also five nullas in this march, some of them causing detention in the rains. Country open, and well cultivated.		
		Holjuntee .....	13	5	140	8	Good road over level plain; heavy black soil for 7 m., then over undulating sterile ground.	Large nulls, and 4 shops ..... tank.	250 houses, and a fort, on N. bank of nulls; good encamping ground. At 7 m. 1 f. Marrowlee, 120 houses, 8 shops. Cultivation the whole way; hilly ground near Marrowlee; cross several nullas.	
		Boorgeo .....	15	5½	162	0½	Road rocky .....	Ditto	Scanty; 2 shops.	75 houses; Kurungoo is a large village a mile to the SW. At 7 m. 1 f. Omdes, a large village, with a fort, on a nulls; water and supplies abundant, firewood scarce. At 11 m. 4½ f. Balgaum, a small village. Cross five nullas, some of them difficult in the rains. Country open and sterile.
		Bobind.....	11	0½	173	1	Ditto .....	Wells of brackish water and from a nulls.	shop .....	85 houses, a fortified village; good encamping ground. Cross ten nullas in this march, some of them very difficult in the rains. At 5 m. 5 f. Jalihal, a small village.
		Beespoor, E. side ... P.	13	7½	186	0½	Good road, over undulating barren country.	Abundant, from wells and tanks.	Abundant	Large ruins called town, formerly the Mahomedan Capital of the Dekkan, celebrated for the splendid tombs of its Kings; Post office; extensive ground for an encampment on every side except the E. At 3 m. 6½ f. pass Kickeroo.
General Officer Commanding Belgaum District.  Collector at Kuldighoe.		Moolwar .....	16	2½	201	3½	Cleared road, soil black; an extensive undulating plain.	Nulls and wells.	A few shops.	270 houses, and a large dhurumali; encamping ground SE., very stony; but sufficient good ground for a regiment to be turned in an irregular and confined camp is to be found close to the village among gardens, trees, and wells; there is also good ground, with water, about 1½ m. before reaching Moolwar, in a top of trees, through or near which the road passes. At 4 m. 1 f. pass Jommal, 120 houses, a few shops, with good open ground for encamping. At 9 m. 1 f. Honghullee and Savanullee. At 10 m. 2 f. cross a large nulls.
		Buloteo .....	13	0½	214	8½	Ditto	Kristna river and wells.	shop .....	A village of 125 houses, and a chowree on the N. bank of the Kristna river; encamp in plain close to village, also on the S. bank in a black soil plain. The river here is three quarters of a mile across by the ford, though not more than half a mile from bank to bank. It is fordable about the end of December, though at that time it would be deep; and the bed being full of immense stones, it would be very difficult until the ford is cleared, which will be necessary yearly after the monsoon; after this, however, a regiment marching from the last stage on either side is able, without difficulty, to cross at once and encamp on the other side after January. The banks are sloped down and easy, and the ford marked by stones. At 3 m. 0½ f. Munghee, 75 houses. At 6 m. 7 f. Asungoo, 150 houses.
		Bod Khindee .....	6	3½	220	7	Ditto	Wells .....	3 shops .....	85 houses; good trees for travellers; encamping ground S. of the village close to the road. The direct road to Kuldighoe by the Koonduree ford branches off to the right here. Cross the Kristna river near Buloteo to Holes which is on the south bank. There is another road from Moolwar to Bod Khindee fording the Kristna river at Kolar at 11 m. 7 f. (ferry boats in the rains), and thence to Bod Khindee 6 m. 5 f., the first part rough and stony.
		Carried over.....	...	...	220	7				

And water		Name of Village	Distance		Road and Soil	Water	Supply	Remarks
Yearly	Cult		Area	Total				
			Wider	Total				

General Officer Commanding up Belgawan District, Belgawan.	Collection at Kumbharghat	Brom, H over		10	5	Good road soil black no expensive materials flag, plain	Shalpuria river	3 slopes	100 houses - occupying ground 50, At 1 - 14/ a day 2. At 3 m 7 1/2 / 4000 yds 140 houses 4/ on the right	
		Ungravelled	8	2	22					11
		Sole bridge R.P.	11	7						
		Total 21 Villages			21					17

Note.—The direct road from Mohar to Bad Khandoo, is as follows —

General Officer Commanding up Belgawan District, Belgawan.	Collection at Kumbharghat	To Mohar			10	3	Good road	Shalpuria river	3 slopes	100 houses
		Water	11	7	22	11				
		Bad Khandoo	8	2	22	11				
		Total			21	17				

The direct road from Bad Khandoo to Kumbharghat, is as follows —

General Officer Commanding up Belgawan District, Belgawan.	Collection at Kumbharghat	Bad Khandoo			10	3	Good	Shalpuria river	3 slopes	100 houses
		Kumbharghat	10	3	20	6				
		Sole bridge R.P.	4	3						
		Total 21 Villages			24	9				

The more direct road from Kumbharghat to Belgawan, is as follows —

General Officer Commanding up Belgawan District, Belgawan.	Collection at Kumbharghat	To Kumbharghat			10	3	Country road track	Good	Kumbharghat
		Kumbharghat	10	3	20	6			
		Dayville	11	0	21	6			
		Barre...	11	0	22	6			
		Barre...	12	0	23	6			
		Barre...	11	0	24	6			
		Barre...	11	0	25	6			
		Total	113	7	226	6			

TABLE No. 29

## FROM AHMEDNUGGER TO MALLIGAUM, BY KOLHAR AND KOPRGAUM.

GENERAL DESCRIPTION, IN P.T.

Authorities		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Miles.				
Collector of Ahmednuggur		Ahmednuggur Post to Kolhar (Barra) Taluka B	15 02	88 8	Make road, some of the mallee bridge.	Wells and mallee.	14 shops, weekly bazar on Fri days.	See Table No. 24 (1)
		Kopergaum S P	11 51	99 31	Do.	Wells and Ganga river.	20 shops, weekly bazar on Mon days.	200 houses, Ahmednuggur, and travellers' bungalow, occupying ground NW. of village. Make road to Kankal branches off to the left soon after leaving Kolhar. At 4 m S2 / Bahadur, 16 houses. At 7 m S2 / Farjee, 2 houses, 20 houses, 1 shop. Cross several mallees in this march.
Collector of Barra L.		Severgaum B	10 1	109 41	Make road, all the mallee from 100 m bridge.	Wells and mallee.	3 shops.	200 houses, Ahmednuggur, and travellers' bungalow, occupying ground NW. of village. Cross a mallee at Barra, 121 yards wide. At 2 m S1 / near Severga, 80 houses, 1 shop. At 4 m S2 / Kopranga and Bahadur, small villages of 30 houses each. At 8 m S1 / Kopranga, 23 houses and 1 shop. At 10 m S1 / Chota Kopranga, 20 houses and 8 shops. At 11 m S1 / cross the Gokulnagar river, 180 yards wide, banks low, bed sandy, fordable in low water, a large boat here during the rains.
		Misra B	10 42	120 03	Make road, all the mallee bridge.	Wells and the Purna river.	Abundant, weekly bazar on Sun days.	200 houses, two offices, Ahmednuggur, and travellers' bungalow, occupying ground NE. of the bungalow. At 8 m the small village of Dikara 1 / to right. The road passes between hills by a pass called the Uchita Bara, no difficulty for carts. The forts of Uchita, Tunkara Ahir and Palka are close on the right. At 7 m S1 / Ahmednuggur, 80 houses. At 18 m S2 / cross the Bahadur from Bahadur.
Collector of Barra L.		Kopergaum B	11 51	131 54	Make road, rivers and mallee bridge.	Wells and mallee.	3 shops.	80 houses, Ahmednuggur, and travellers' bungalow, occupying ground near the bungalow. At 2 / cross the Purna river (bridge). At 4 / the mallee road to Chandra branches off to the left. At 2 m S1 / Dikara, 10 houses. At 4 m S1 / Kopranga, 20 houses and 1 shop. At 7 m S1 / a Chandra and a short distance of 80 yards. At 8 m S2 / Chandra, 20 houses.
		Malligaum Cantonment S P T.	11 41	143 35	Do.	Abundant, Mico river.	Abundant.	Continuation, with travellers' bungalow and Post and Telegraph office. The town of Malligaum is about 2 m to the R.R. on the left bank of the Mico river. At 8 m S1 / Wazara, 8 houses. At 8 m S1 / Kopranga and Kopranga, 40 houses and 2 shops. At 8 m S1 / mallee road from Kopranga joins on the left and cross the Ganga river (bridge). At 18 m S1 / road to the town of Malligaum branches off to the right. At 10 m S1 / travellers' bungalow.
D. Marches.		Total		110 44				

TABLE No 30

FROM AHMEDNUGGER TO MOMINABAD OR AMBAJOGARD, BY BHEER AND DHANOR.

GENERAL DIRECTION, N BY E

Antecedents		Name of Stage.	Distances		Road and Soil	Water	Supplies	Remarks
			Stage.	Total.				
Military	Civil		Miles	Miles				
General Officer Commanding Force District, Poona.	Collector at Ahmednuggur	From Ahmednuggur to Janspur.		11 8				7 mile Table No 22
		Reconnoitre or Survey.	8 8½	19 6½	Good cart road, over a large tank, and easy for carts, but rough and up by mounds.	3 stages	30 houses; country good NW. From Ahmednuggur descend the foot of the hill and over the cart, to Janspur. 30 houses, and 3 stages. Cross the tank to Nagles (Chandnagar), at 3 m. 3/4 of 30 houses, and cross three more miles in Bhair's Country collected, hills to the right.	
		Chowpatti	8 8½	28 5	Diff.	Wells and wells	Abundant, deep	12 30 houses; country good NW. Cross five miles to Bhair's 200 houses, and 5 stages, at 5 m. 1/2, and a mile to Mole (Chandnagar), 30 houses, at 5 m. 3/4, and then more miles to Janspur. Country collected; hills on the right as far as Mole.
		Chowpatti	12 8½	40 7½	Tolerable cart road, but rough and up by mounds, and very steep, and very difficult at the river.	3 stages	200 houses; country good NW. At 7 m. from Janspur 30 houses, 3 stages. At 8 m. 3/4 of 30 houses, 30 houses, 3 stages. At 9 m. 3/4 of 30 houses, 30 houses, 3 stages. At 10 m. 3/4 of 30 houses, 30 houses, 3 stages. Country generally open and collected.	
General Officer Commanding Force District, Poona.	Collector at Ahmednuggur	Chowpatti	12 8½	52 4½	Diff.	Abundant, clear	3 stages	200 houses on the Bhair's river; country good NW. At 4 m. 1/2 of 30 houses, 30 houses, and 10 stages. At 5 m. 1/2 of 30 houses, 30 houses, 3 stages. At 6 m. 3/4 of 30 houses, 30 houses, 3 stages. At 7 m. 3/4 of 30 houses, 30 houses, 3 stages. At 8 m. 3/4 of 30 houses, 30 houses, 3 stages. At 9 m. 3/4 of 30 houses, 30 houses, 3 stages. At 10 m. 3/4 of 30 houses, 30 houses, 3 stages. Country generally open and collected.
		Chowpatti	12 8½	64 3½	Diff.	Diff.	12 stages	200 houses, on the Bhair's river; country good NW. At 4 m. 1/2 of 30 houses, 30 houses, and 10 stages. At 5 m. 1/2 of 30 houses, 30 houses, 3 stages. At 6 m. 3/4 of 30 houses, 30 houses, 3 stages. At 7 m. 3/4 of 30 houses, 30 houses, 3 stages. At 8 m. 3/4 of 30 houses, 30 houses, 3 stages. At 9 m. 3/4 of 30 houses, 30 houses, 3 stages. At 10 m. 3/4 of 30 houses, 30 houses, 3 stages. Country generally open and collected.
		Chowpatti	12 8½	76 2½	Diff.	Diff.	12 stages	200 houses, on the Bhair's river; country good NW. At 4 m. 1/2 of 30 houses, 30 houses, and 10 stages. At 5 m. 1/2 of 30 houses, 30 houses, 3 stages. At 6 m. 3/4 of 30 houses, 30 houses, 3 stages. At 7 m. 3/4 of 30 houses, 30 houses, 3 stages. At 8 m. 3/4 of 30 houses, 30 houses, 3 stages. At 9 m. 3/4 of 30 houses, 30 houses, 3 stages. At 10 m. 3/4 of 30 houses, 30 houses, 3 stages. Country generally open and collected.
		Chowpatti	12 8½	88 1½	Diff.	Diff.	12 stages	200 houses, on the Bhair's river; country good NW. At 4 m. 1/2 of 30 houses, 30 houses, and 10 stages. At 5 m. 1/2 of 30 houses, 30 houses, 3 stages. At 6 m. 3/4 of 30 houses, 30 houses, 3 stages. At 7 m. 3/4 of 30 houses, 30 houses, 3 stages. At 8 m. 3/4 of 30 houses, 30 houses, 3 stages. At 9 m. 3/4 of 30 houses, 30 houses, 3 stages. At 10 m. 3/4 of 30 houses, 30 houses, 3 stages. Country generally open and collected.





TABLE No. 32 (1)

FROM AHMEDNUGGER TO SATTARA, BY DHOND, BOOPA, AND THE SALPA GILAUT.

CHARLES E. DORRINGTON, JR.

[illegible][illegible]

At the top	3	3
"	3	3
"	7	7
<b>Total</b>	<b>10</b>	<b>10</b>



## CENTRAL INTELLIGENCE AGENCY

From Above - 117 1/2  
From Below - 117 1/2



Location etc.		Name of Stage	Distance		Food and Fuel	Water	Supplies	Remarks
			Start	Total				
Military	Civil		Miles by Rt.	Miles by Rt.				
General Officer Commanding Force Dist. No. 1 - 100	Civilian	Example over Unstable	-	100 31	Closed road	Tide	2 shops	100 houses, At 2 1/2 / cross the Tropicana river, banks high, bed sandy. At 8 m 4 / cross the Kumbhar river to Kumbhar, 100 houses 2 shops. At 8 m 7 1/2 / Kumbhar cross 200 houses, 2 shops. At 8 m 4 / Dhulak, 100 houses, 2 shops, cross 10 miles
		Example over D.F.T.	15 4	115 31				
		Total	15 4	115 31	Dike	Abundant	Abundant	A large town Fort and cantonment, travellers bungalow, Post and Telegraph office; head quarters of the Collector. At 5 m 100 houses 100 houses 2 shops. At 8 m 2 1/2 / Kumbhar 100 houses 2 shops. Cross 10 miles
		11 March		131 7				

TABLE No 34

FROM AHMEDNUGGER TO SURAT, BY KOLHAR, NAGSIK, THE SAWUL GHAT, PRINT,  
AND PALDHU

GENERAL DIRECTION, IV

Location etc.		Name of Stage	Distance		Food and Fuel	Water	Supplies	Remarks
			Start	Total				
Military	Civil		Miles by Rt.	Miles by Rt.				
General Officer Commanding Force Dist. No. 1 - 100	Civilian	Example over Unstable	-	100 31	Closed road	Large tank and house	2 shops	This Table No. 31 (2)
		Example over D.F.T.	15 4	115 31				
		Total	15 4	115 31	Dike	Abundant	Abundant	This Table No. 31 (3)
		11 March		131 7				



[illegible]

TABLE No 40

FROM ASSERGURU TO LLICHPOOR VIA KARALLAH

GENERAL DIRECTION T

[illegible]









[illegible]

TABLE No. 43

FROM ASKEENGUEH TO JAULNA, via BOORHANPOOR AND AJUNTA.

CONSTITUTIONAL DIMENSIONS 415

[illegible]

Authority	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
		Miles 1 mile = 1.6 Kilometers	Miles 1 mile = 1.6 Kilometers				
Library (Civil)	Brought over		87 3/4				
	Koodale	30 2	117 3/4	Good road covered, Kachin river with high banks		Abundant	A large village on the Kachin river. At 30 = 8 f / Dagonwase at 6 = 10 f / Dagonwase at 8 = 10 f / Dagonwase—small village with wells, but no supplies. Cross the Kachin river to Koodale. Country hilly and covered with low jungle.
	Betta Kachin	8 2	125 3/4	Doile	Pecora river	Doile	A large village. At 8 = 2 f / Dagonwase, no supplies. At 8 = 7 f / Chien Kachin, a small village. Cross the Pecora river between this village and Betta Kachin.
	Pecora	13 1	138 3/4	Doile	Kachin river	Doile	50 houses, good encampment ground. At 13 = 3 f / Paila-Lara, a small village. At 13 = 7 f / Paila-Lara, a small village. At 13 = 1 f / Lomergan, supplies, and a well.
	Kachin Paila north end	10 5		Doile	Wooded, from large track	Doile	A large town and encampment. At 10 = 6 f / Mang Dagonwase at 3 = 7 f / Paila-Lara—small village. At 10 = 1 f / cross the Kachin river.
	Total		137 3/4				
	13 Marches						

TABLE No 41.

FROM ASSEERGURH TO KOOKURMOONDA, BY SOWDA, YAWUL, OTOPEA, THALNAIR,  
SHADA, AND TULLODA.

GENERAL DIRECTION, N. H. 1.

Instrument		Name of Route	Distance		Road or Trail	Water	Sightings	Remarks	
			Miles	Percentage					
			Miles	Percentage					
Ministry	Civil								
General Officer Commanding Frontier Division, Peshawar	Collector of Abasco, P. & S. Division	Among high hills to Bonda Jawal or Peshawar	18	0	Good cleared road, red white and black			Take Table No 89 (1)  A market town, with branch Post office (a money bag, ground in). Country open and cultivated. A strong track bet. in capital system 70 feet high, built against a hill or house and temple built in over direction. The Bonda river runs close to the fort, on two sides. At 3 to 1 1/2 / Play road. At 7 m 5 / cross the Karna river, 1 mile away. At 4 m 11 / Anand 120 / cross, 1 day, and walk. The cleared road to Dharan leads toward to the left here. At 8 m 1 / 20 mile, a large village with water and sugar cane and good country road and. At 10 m 3 / Utera or Alimera a small village, and across the Indus river. Country cultivated, and open.	
				18					0
				50					7 1/2
		Carried over			50	7 1/2			

[illegible]

TABLE No 45

## ASSHURGURH TO MALLIGAUM, BY NHUSWA

GENERAL DIRECTION NW BY W

Authorities		Names of Stages	Distances		Road and So L.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Parangs.	Miles.	Parangs.		
General Officer Commanding 7 <sup>th</sup> Div. D. V. C. P. O. N. C.		Asshurgurh to Dhamda	10	9 1/2	81 1/2			This Table No 38 (2)
		Dhamda to Dhamda	18	0	100 1/2			
		Dhamda to Dhamda	8	7	118 1/2			
		Dhamda to Dhamda	11	1	129 1/2			
		Dhamda to Dhamda	15	0	144 1/2			
		Total			144 1/2			
11 March 1911								

TABLE No 46

## FROM ASSHURGURH TO MIIOW, BY THE SIMBOLE GHAUT

GENERAL DIRECTION, S.W.

Authorities		Names of Stages	Distances		Road and So L.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Parangs.	Miles.	Parangs.		
General Officer Commanding 7 <sup>th</sup> Div. D. V. C. P. O. N. C.		Asshurgurh to J. m. t. m. of 110 to 120 road over 110 to 120 road	10	0	81 1/2			This Table No 42.
		Dhamda to Dhamda						
		Total			81 1/2			
8 March 1911								

TABLE No 47

## FROM ASSEERGURH TO MUNDLAISIR.

GENERAL DIRECTION No 20

Authorities.		Name of Range	Distance				Road and Rail	Water	Supplies	Remarks
Military	Civil		Range		Total					
			Miles	Fathoms	Miles	Fathoms				
General Officer Commanding Madras Division, Madras	Civil	Assergerurh to Mundla	11	21	01	01	Road unfurfished, open country	No water	At Assergerurh	See Table No. 20.
		Mundla to Assergerurh								
		Total			79	01				
		7 Stations.								

TABLE No 48.

## ASSEERGURH TO SEHORE, BY KHUNDWA, CHARWA, AND HINDIA.

GENERAL DIRECTION, No 21

Authorities.		Name of Range	Distance				Road and R.	Water	Supplies	Remarks
Military	Civil		Range		Total					
			Miles	Fathoms	Miles	Fathoms				
Major, P. M. S										



Authority		Name of Place	Distances		Road and Rail	Water	Supplies	Remarks	
			Stage	Total					
									Miles
Military	Civil	Brought over		160	1				
		Over the Karabala river to Kharwar	1	0	1	Plentiful	Plentiful	A considerable town. The river is fordable here by a bad ford from December to June, and there are ferry boats at Elidan.	
		Kangame	15	2	3	A cart track	Ditto	Ditto	An open town of about 2,000 houses on the river bank. At 7 m. S. of Kharwar. At 12 m. Barak. Country cultivated.
		Pattinase	11	2	5	Road good	Ditto	Kano, produce from Jessam	A small village. The Chany river flows through it.
		Across the Barak plain to Dawai-poor	5	2	7	Ditto	Ditto	Supplies to 100 houses. The Barak plain very good and suitable for crops.	
		Kharwar	18	2	1	A cart track	Falls	Small houses. 200 houses. At 8 m. S. of Arak. At 6 m. S. of Harwar. At 6 m. S. of Dawai-poor. At 4 m. S. of Kharwar.	
		Barak	13	2	1	Ditto	Plentiful	Abundant	A considerable town with good harbor. Residence of the Political Agent. Post office.
		Total		182	4				
		15 Marcho							

From the *Madras Court Book*, 1838

TABLE No. 49.

FROM ASSEERGURH TO SIRDARPOOR, BY AKBARPOOR, DHAR, AND AMJHEERA.

CLASSIFICATION: UNCLASSIFIED

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS
Military	Civil		Rings	Total				
			Miles	Parasangs	Miles	Parasangs		
General Officer Commanding Mhow Division, Mhow	Agent to the Government, General Sir Central India at Indore	From Amargarh to Dhar		120	First 3 miles made, 13 to 4 large tank and road, rest a country cart road, not made!	Abundant, mostly weekly markets on Fridays		Fols Table No 20
		Amargarh, Awa south gate B	14	14				
		Bharatpur	12	4				
		Total		180				
16 Marches.								
					Good country cart road, and the last mile made	Myhase river	Plenty, also fuel	Head quarters of the Mahes Mandal corps, and the Assistant Political Agent. At 3 a 3 1/2 pms Kanarpore, 4 houses. At 6 a 1 1/2 f. Kharode, 80 houses 1 shop. At 8 1/2 f. road from Dhar pass on right. At 10 a 1 1/2 f. Talpawore, 40 houses. At 10 1/2 a 4 1/2 f. across a large nulla Kanarpore Khim, 40 huts wide, b&A muddy, banks steep, fordable 2 a 2 hours after heavy rain.

Authorities.		Names of Stages	Distances.		Road and Soil	Water.	Supplies.	Remarks.
Military.	Civil.		Stages	Total.				
			Miles. Postage.	Miles. Postage.				
From Dhar to Burdwan, by Bagur, is as follows —								
General Officer Commanding Madras District, at Madras.	Agreed to the Government General for Central India, at Madras.	To Dhar, as above .	—	137	41			
		Bagur . . . .	18	0	130	41	Country not road, soil black.	Alone 100 houses and 2 "waddars" which are sometimes used as dharmas, occupying ground out, but not good. At 1/2 p.m. pass through town of Dhar to west gate At 3 p.m. 61/2 Chakras, 125 houses, 1 shop, 4 wells, and a tank over a well near Chakras, but hardly, lands low, fertile on lower after heavy rain. At 4 p.m. 5/2 cross a well to Burd, 80 houses. At 5 p.m. 1/2 Chakras, 80 houses, 2 shops, and a tank. At 6 p.m. 1/2 road to Burdwan branches off to the right. At 6 p.m. 1/2 cross Chakras, 15 yards wide, bed sandy. At 7 p.m. 1/2 a chakras. At 8 p.m. 1/2 cross a small well to Chakras, 80 houses, 2 shops. At 9 p.m. 1/2 cross Koorul well, 15 yards wide, bed sandy, lands low, fertile a day after heavy rain. At 10 p.m. 2 1/2 Chakras, 80 houses and 1 shop. At 11 p.m. 2 1/2 a well. At 12 p.m. 1/2 a chakras. At 12 p.m. 1/2 another chakras. Country open.
		Burdwan . . . .	10	41	..	Hard good, but narrow road over black soil to Burd, and thence over high and rocky ground.	Hyline river	House, also a tank.
		Total . . . .	..	155	41			At 1/2 p.m. pass Burdwan, a small village on the east bank of Koorul tank. At 3 p.m. 1/2 Chakras, 60 houses, 2 shops, and a small dharmas. At 4 p.m. 1/2 Chakras, a small village. At 5 p.m. 1/2 Chakras, 10 houses and a chakras. At 6 p.m. 1/2 wells and some native trees.
14 Marches.								

TABLE No. 50.

## FROM ASSEBURGH TO TOORUN MULL, VIA BURWAUNIE.

GENERAL DIRECTION, N.W. BY W.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles Postage	Miles Postage				
General Officer Commanding Madras District, at Madras.	Agreed to the Government General for Central India, at Madras.	Assburgh	15	1	60	41		Table No. 46.
		Assburgh	15	1	60	41	Table No. 46.	Table No. 46.
		Assburgh	15	1	60	41	Table No. 46.	Table No. 46.
		Assburgh	15	1	60	41	Table No. 46.	Table No. 46.
		Assburgh	15	1	60	41	Table No. 46.	Table No. 46.

General Officer Commanding Malaya Division, Malacca

Agent to the Governor General for General India at Indragiri

Authorities	Miles of Stages	Distances	Road and Trail	Water	Supplies	Remarks		
Military	Civil	Stages	Total					
		Miles	Footpaths					
		Miles	Footpaths					
		Brought over						
		Kanchikan	5 6	78 77	As above	None in hot sun here	26 huts no shops excepting ground on head country covered with jungle	
		Jelernak II	10 2	88 42	Cart track over gravelly soil	In small gaps	Small village on the Agni and Binsley road, 8 shops, excepting ground W of village travellers bungalow country covered with this low jungle	
		Ngayor	7 24	100 8	Cart track over gravelly soil	Abundant from	211 houses, 184 shops, country shady open	
		Uyay	10 2	110 7	As above	Abundant, 200	278 houses 11 shops, country open.	
		Beremance	10 41	127 84	Good hard cart track, country open.	Abundant 100	288 houses 49 shops the meeting place of the Beremance River and on output of the Malua Head Corps excepting ground good	
		Berwin	5 24	132 81	Cart track	The river	From	11 huts excepting ground good
		Ooche	10 2	142 44	Partly cart track, remainder for oxen	Berwin's river	None	Deserted village
		Bahel	18 21	160 72	Disturbed cattle track	None	Date	Deserted village road runs on left along the bed of the Berwin, is very rough and the surrounding country very swampy with thick jungle
		Lakumak	10 41	171 41	As above	Partial river	Date	Deserted village, road passes through very rough and difficult country with thick jungle
		Torua Hill	7 21		As above	Abundant, a large lake	Date	To the west of the Beremance country and forming part of its boundary with Kanchikan is the elevated plateau of Torua Hill situated by about 40 small streams, situated about 10 miles of 8 or 6 huts each. Major A. Rogers reports in 1884 — Two tracks cannot be said of its soil consists its local soil sandy and its general sloping for a few miles. The on of output on to Torua Hill is via the track from Malua (over 100 miles), and the bottom of the road from Kanchikan.
		Total		178 24				The road can never be made possible for wheeled carriage but a few thousand Europeans would render it fit for animals and elephants
		17 March						

Beremance to Torua Hill via Kanchikan —

Assamgark to Beremance as above			127 24					
Berwin	9 21	136 81	Good cart track	Even on river	From	Ber	11 huts, supplies from Beremance excepting ground good	
Ooche	10 24	146 7	Cart track over gravelly soil across the river for trees	As above	None		A deserted village excepting ground good and extensive country hills and jungle	
Part Ooche	9 7	156 6	Good cattle track possible for oxen	Partial	Date		No village, excepting in bed of a wide water stream and good	
Wade	6 7	166 6	Disturbed cattle track several steep ascents and descents	From	Date		6 huts. Country most rugged and mountainous with thick jungle, animals with light loads can travel to Kanchikan.	
Torua Hill	4 73		Impossible for oxen — 4 huts cattle track, study up the bed of a stream	Abundant, a large lake				
Total		178 24						
17 March								

[illegible]

TABLE No 51 (1)

FROM BARODA TO BHOOJ, VIA PILLAUD, LIMREE, WUDWAN, HULWUD, AND KAJOORA  
FORD OF THE RUYN

GENERAL DIRECTOR, FBI

[illegible]

Antecedent		Kind of Stage	Distance		Road and Soil	Water	Vegetation	Remarks		
			Stage	Total						
Military	Civil		Miles	Percentage	Miles	Percentage				
Classified Officer Commanding Southern Division, Allahabad	Collector of Allahabad	Brought over			31	7				
		Thapsar	8	41	41	81	Heavy sand, and between high banks and embankment	Two tanks, and water	Medicinal	Thapsar ground very covered by saline trees, and embankment. From Rajahmundry at 4 = 6 f, and through the large village, with a good house and tank, at 7 = 6 f
		Wazirpur	10	4	51	71	Dark black soil	Tank, and water	Medicinal	215 houses, good surrounding ground SW From Rajahmundry at 3 = 2 f, Chikla at 4 = 7 f Kachhwa at 7 = 8 f, and Chikla and Janki on the left. From Rajahmundry the country is very open covered with small trees and bushes, and well cultivated
	Collector of Allahabad	Bhatnagar	7	0	58	71	Heavy sand, and between high banks and embankment	Water very bad	Medicinal	Good surrounding ground SW. From Rajahmundry river in the north; low sandy banks, but good, water about 1 foot deep
		Sevaram	10	8	68	81	Over black soil, very swampy in the river, mostly over part of the river	Water very bad	Medicinal	Small village, surrounding ground SW, see Road. At 3 = 7 f Rajahmundry
		Budala	8	41	76	0	Dark soil	Tank, and water	Medicinal	Good surrounding ground on the river, in the dry season. From a part of the Little River and beds of the Rajahmundry and Chikla rivers which are swampy in rainy weather, but possible for crops after October. At 3 = 4 f from Rajahmundry, well and tank
	Political Agent in Kachhwa at Rajahmundry	Thapsar	10	01	86	01	Dark soil and between high banks and embankment	Tank and water	Medicinal	A large village, good surrounding ground SW of village. At 3 = 24 f Rajahmundry
		Kachhwa P	10	81	96	4	Heavy sand, and between high banks and embankment	Tank and water	Medicinal	A Gravelled, and well built town, on the E bank of the Rajahmundry river; Post office, an occupying ground to the S, continued. End of river sandy
		Wazirpur P	14	8	110	7	Good very good, over a low plain and bank	Rajahmundry river, tank, and water	Medicinal	A walled town, the Railway station, houses, Police house, Post office and travellers' bazaar below about 4 miles to the west, good surrounding ground on the Rajahmundry river which runs to the north. At 4 = 4 f Rajahmundry, to the right. At 5 = 4 f Rajahmundry
		Budala	13	5	123	4	Good good, some parts covered, and sandy	Large tank, and water	Medicinal	A small village on the left bank of the Rajahmundry river. Good surrounding ground to the NW or SW of the village. From the Rajahmundry river just under the walls of the town of Rajahmundry very low sandy soil. From the village of Rajahmundry, Rajahmundry, and Rajahmundry
		Bhatnagar	13	4	136	0	Good good, better parts	Abundant, from tank, and water	Medicinal	A large well built village on the Rajahmundry river. Good surrounding ground near the tank. From Rajahmundry, Rajahmundry, and Rajahmundry
		Bhatnagar	9	8	145	8	Dark soil	Tank, and water	Medicinal	A small village. Good surrounding ground SW. At 4 = 7 f from Rajahmundry river, and at 5 = 4 f from a small. Country open very little cultivation except near village
Political Agent in Kachhwa at Rajahmundry	Bhatnagar	8	8	153	8	Good soil, and between high banks and embankment	Good, from 4 miles and a large tank to the SW, on a sandy dry soil	Abundant	2,000 houses, walled town, surrounding ground W, near tank, low and damp. Country open above	
	To Rajahmundry	108	7						Table Table No 8 (2)	
	Total			368	8					
		At Rajahmundry								

Note.—The Route from the Rajahmundry to Rajahmundry is only practicable in dry weather, between June and November the line table No 8 (2) should be taken.

TABLE No 51. (2)

FROM BARODA TO BHOOJ, IN PITLAUD AND DHOLKA.

GENERAL DIRECTION, 12 W

[illegible]

There - One B is in letters on the Perry records at the  
of the Little League, the letter Line 1, the letter where  
has before given (Table to 11 (1)), between Brown and Pafford, and also from Glasgow to the  
copy to the & of 1. 10-10-10.

TABLE No. 52.

## FROM BARODA TO CAMBAY, VIA OMETA.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.			
Military.	Civil.		Stage.	Total.							
			Miles.	Furlongs.					Miles.	Furlongs.	
General Officer Commanding Northern Division, Ahmedabad.		Collector at Kalra.	From Church, Baroda Cantonment, to Ometn.	10	7½	Road good; red and sandy soil, but heavy in parts; much enclosed, until within a few miles of Cambay.	Myhee river; 3 wells.	Moderate.....	800 houses, on the W. bank of the Myhee; confined encamping ground—the best is 5 f. W., on rising ground near a tank. At 2 m. 4 f. pass Goorva, 800 houses. At 5 m. 5 f. Akoria, 100 houses. At 7 m. 6 f. Seerkee, 150 houses, and cross the Mowsee river, 200 yards broad. At 9 m. 5½ f. Sindrote; 200 houses. Between Sindrote and Ometn cross the Myhee river, 600 yards broad, by a ferry or by a deep ford from January to June; very muddy, and difficult for carts.		
		Resident at Baroda.	Radroon .....	11	0		31	7½	Tank, and wells...	3 shops ...	400 houses; no good encamping ground until the grain is cut. At 8 m. 4 f. Nowkul, 80 houses, 1 shop. At 5 m. 0½ f. Kinehore, 150 houses, 2 shops. At 7 m. 0 f. Peepce, 150 houses, 2 shops. Country open, and cultivated; water abundant, and good.
		Collector at Kalra.	Wutadra, or Wal-lendrn.	10	0½		83	0	Ditto .....	10 shops .....	250 houses; no good encamping ground until the grain is cut. At 3 m. 4½ f. Jarola, 200 houses, 0 shops. At 0 m. 2½ f. Saldpoor, 175 houses, 4 shops. At 8 m. 5½ f. Juntal, 200 houses, 8 shops. Country as before.
			Cambay Factory.... B.P.	0	2½		...	...	Abundant, from wells and tanks.	Abundant ...	5,000 houses; good ground for encamping near the factory, on the bench; water to be had at a tank outside, near the Boolboolanee, or to the west near the English burial-ground. At 2 m. 5 f. Kailal, 125 houses, 3 shops. At 4 m. Ometn, 200 houses. At 8 m. 4 f. the Gowara Gate of Cambay, whence the road winds through the town to the old British factory, used as a travellers' bungalow.
			Total.....	...	...	48	0½				
			4 Marches.								

TABLE No. 53.

## FROM BARODA TO DHOLIA, BY BROACH, SEWAUN, SONGURH, AND KONDABAREE GHAUT.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Single.	Total.						
			Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding. 1st Western Divi- sion, Ahmedabad.	Collector of Broach.	Baroda Cantonment to Broach Commwals .....	...	...	50	0½	.....	.....	.....	150 houses; good encamping ground on the E. side near the tanks. A good dhurumala, country level, and highly cultivated. Leaving Broach, cross the Netunda river by platform and other boats which are always procurable. At about 4 m. pass the large village of Unkhasir, with good supplies, water, and farge. Post office, and Railway Station at Unkhasir.
		.....	E	8½	58	7	Heavy as far as Unkhasir, the remainder good.	One fine walled tank, with water all the year round.	None, but procurable from villages in the neighbourhood.	
	Collector of Barot.	Carried over .....	.....	...	...	58	7			
		Carried over .....	...	...						Vide Table No. 4 (1)

Authority	Name of Range	Progress		Soil and Soil	Water	Supplies	Remarks		
		Days	Total						
Major	Cell	Days	Total	Days	Total	Days	Total		
General Officer Commanding Northern Division	Collector of District	Brought over	18	11	71	01	Rain, as before	There is a fine village in which local food	The clothes of a person in being, formerly used for a part of 1000, in which 1000 are now being changed, everything around a table from the clothes on the back of the person, which is often used for the drying of rice and so on. At the same time there is a large village, with many waterfalls, abundant supply of rice, large tank, and a well and extensive enclosure from rice there. At 8 in afternoon there is a large work. Our cattle are well kept. At 8 in morning, with water, and supplies. Nothing more of this.
		Sum Choee or Kachin	18	11	71	01	Rain, as before	There is a fine village in which local food	The clothes of a person in being, formerly used for a part of 1000, in which 1000 are now being changed, everything around a table from the clothes on the back of the person, which is often used for the drying of rice and so on. At the same time there is a large village, with many waterfalls, abundant supply of rice, large tank, and a well and extensive enclosure from rice there. At 8 in afternoon there is a large work. Our cattle are well kept. At 8 in morning, with water, and supplies. Nothing more of this.
	Resident at Bhamo	Sawyer	8	2	38	11	Pretty good	A large well, and moderate	A large village, country is, near the well. Our cattle are well kept. At 8 in morning, with water, and supplies. Nothing more of this.
		Kachin	14	2	82	41	Bread and good	Wife	At 8 in morning, with water, and supplies. Nothing more of this.
	Collector of District	Bamboo P	10	8	100	21	Good good, 1 road, 1 road	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.
		Deposition	11	8	118	01	Ditto	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.
	Resident at Bhamo	Bamboo	8	8	120	01	Ditto	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.
		Freight	11	1	121	11	Good good, 1 road, 1 road	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.
	Collector of District	Freight	15	8	126	11	Ditto	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.
		Freight	15	8	126	11	Ditto	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.
Caretaker			15	8	126	11	Ditto	At 8 in morning, with water, and supplies. Nothing more of this.	At 8 in morning, with water, and supplies. Nothing more of this.

General Officer Commanding North-West Frontier Province

General Officer Commanding North-West Frontier Province



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.							
			Miles.	Furlongs.						
		Miles.	Furlongs.	Miles.	Furlongs.					
		Brought over...	...	...	148	7 1/2				
		Esaurwarre .....	11	4	161	8 1/2	Cleared road through Surpin river .....	Bazaar; 4 shops.	A small village; good encamping ground, surrounded by thick jungle. A small fort, of about 70 yards square, 2 m. S. of the village, on a rising ground; walls strong, and a tower at each angle. A stream of good water runs below the fort, and empties itself into the Tapias. The country around is cultivated, and open. The road the last stage across a plain, cultivated in parts, and with large trees all the way. Hills to the S. parallel to the river at several miles distance. Cross Raygun river at 4 m. from Nowpoom, 57 yards broad, bed sandy; breadth of stream 18 yards in dry weather. At 3 m. 3 f. pass a large banyan tree, bungalow, and well in the jungle; a cleared road to Nundoorbar branches off to the right before reaching Esaurwarre.	
		Dhywal .....	17	0	178	3 1/2	Cleared road, good near Dhywal, the remainder through jungle, with ascents and descents, and ravines.	Abundant .....	Abundant; market.	Good encamping ground N. of the village, which is large. At 6 m. from Esaurwarre pass Tegha Khan's Bera, a Musselman building at the entrance of the pass. Country around pretty open for some hundred yards. A few Bheel huts on the brow of the hill to the S.; good encamping ground but no supplies. At about 8 m. from Esaurwarre the ascent of the Kondabar Ghant commences; it is steep and rugged, but passable for carts, and not difficult. From the start to the ghant there is continued thick jungle, which reaches nearly half way up the hills on each side. Leaving Esaurwarre, for the first two or three miles a small but fine stream runs parallel to the route. The ascent of the ghant continues for about 3 m. In this march pass the village of Borkurnja, and cross the Bhishan river nine times, one foot deep, bed stony, banks difficult, 23 yards broad. Cross Surpin river near Esaurwarre, banks difficult; gravelly bed.
		Sakree .....	11	5	190	0 1/2	Cleared cart road .....	Khan river .....	8 shops, abundant; market on Tuesdays.	A large village to the N. of the Khan river, encamp W. At 1 m. 4 f. pass Bondgaum; at 4 m. 1 f. Gorda, and cleared road to Malligam branches off to the right; at 6 m. 6 f. Puknoon; at 3 m. Dasta or Asta; at 8 m. 3 f. Kowta.
		Nair P. ....	15	1	205	1 1/2	Ditto .....	Panjur river .....	Abundant; 16 shops; market on Thursdays.	A large village on the S. bank of the Panjur river; encamp W. and N. At 3 m. 6 f. pass Shawillo. At 11 m. 5 f. Akullpara. At 14 m. 6 f. cross the Panjur river, banks easy, bed sandy.
		Kheir .....	8	5	213	0 1/2	Ditto .....	Ditto .....	7 shops; abundant; market on Fridays.	A large village, on the Panjur river; good encamping ground to the W. At 3 m. 3 f. pass Akar; at 3 m. 7 f. Mohana; at 6 m. Kosomb. Thin jungle along the road.
		Dhoolah B. P. T. ....	9	4	...	...	Ditto .....	Ditto .....	Abundant .....	A civil station with Post and Telegraph office and travellers' bungalow. A good deal of jungle on this road. At 3 m. 4 f. pass Manmora mulla; at 3 m. 0 f. Koodana; at 5 m. 6 f. Nhorosana; at 7 m. 5 f. Malla.
		Total .....	...	...	223	2 1/2				
		19 Marches.								

TABLE No. 54.

FROM BARODA TO HUESOLD, BY OOMREIT, DAKORH, AND KUPPERWURJ.

GENERAL DIRECTION: A

[illegible]

TABLE No. 55.

FROM BARODA TO JOONAGURH, BY PITLAUD, DUNDOOKA, JHUSDUN,  
GOUNDUL, AND JAITPOOR.

GENERAL DIRECTION, SW. BY W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stages.	Total.				
Military.	Civil.		Miles. Furlongs.	Miles. Furlongs.				
		Cantonment at Baroda to Warwara.	..	51 7½	.....	.....	.....	Vide Table No. 51. (1)
		Burra Booroo .....	13 0	63 7½	Generally good, but over swampy ground to Gulliana.	Abundant from Sabarmattee river, ½ m. to the S.; walls bad.	Abundant	Large village. At Gulliana, 4 m. 4 f. from Warwara, cross the Sabarmattee river, and continue along its right bank to Burra Booroo. Ford good, low sandy banks; water about knee-deep. The inlets between the river and village would be very troublesome in the rains. Country open, and in some places well cultivated.
		Pitochum .....	12 4	75 3½	Road much as before, soil a brown clay.	A tank, nearly dry in March, muddy and brackish. 2 small wells of good water about a mile from the village.	Limited	A middling village, with good encompassing ground near the tank. At 1 m. 2 f. Choda Booroo. At 4 m. 2 f. Bolad or Walad. At 6 m. 4 f. cross Bhogawa river. At 7 m. 4 f. Dammala. At 8 m., and again at 10 m., cross the Bhadar river. This marsh, from Bolad, lies across the Little Run, a plain of brown clay, running from NW. to SE, and terminating near the Gulf of Cambay, whence it is slightly affected by the tide, which makes the centre (being low) inconvenient for laden cattle and carts. During the rains, and for a short time after, the whole marsh is very deep in mud, being flooded by the overflowing of the Bhogawa and Gogawa rivers, together with the influx of the sea. Within the whole tract from Lunkar to Bhownagur the villages are built on embankments, and in the monsoon appear like islands. In the hot season there is great scarcity of water between Booroo and Dundooka.
		Dundooka P. ....	14 0	90 3½	Road as before; country quite flat, near Kusla a bad swamp, which causes the cart-road to wind by Kuddool; brown clay soil towards the end of the stage.	Large tank of different water, good wells to the right one mile, near some trees, and brackish, from the Bhadar river.	Abundant	A small town, capital of a parganna, on the right bank of the Bhadar river, where there is good encompassing ground, Post office. Pass villages of Kuddool and Rakia on the right and Kusla and Wajla on the left. Scarcely a bush to be seen between Pitochum and Kusla.
		Nagrees .....	14 7	106 2½	Road good .....	Bhadar river .....	Abundant	A small town and stone fort, in good repair, on the left bank of the Bhadar, which is a large river here, with little water in November; banks generally low and easy; bed gravelly. Pass villages of Kotam, Golejar, (small), and Wager (large), on the Bhadar river, and Putam on the left; and Rajpore, Chasama, Moorcha, and Tewla, on the right. Country open, and well cultivated.
		Oomvalla .....	9 0	115 0½	Road good; occasionally a rising ground, and to the left a few inlets from the river; soil sometimes rocky, with brown clay.	Goma river .....	Scanty; two shops.	A small village, on the right bank of the Goma. Cross the Bhadar river, which winds much, and is generally about a mile from the road. The Goma joins it a little below the fort of Rajpore, and is also a large river; banks low, bed gravelly, and very winding. Pass town of Rajpore at 3 m. 4 f. and Rajpore, on the left, and Asulpore, Khajapoor, and Allpore, on the right. Country well cultivated as far as Rajpore.
		Carried over ..	..	115 0½				

Central Office Commanding Northern Division Amoy

Locality	Name of Stage	Distance				Road and Soil	Water	Supplies	Remarks				
		Stages		Total									
		Miles	In stages	Miles	In stages								
by Car													
	Brought over			115	0								
	Talled (Berta)	5	7	120	7	Good, good soil brown with some red and stones	Well and running stream	Limited	Almost in ruins on the Gama river. Two villages of Berta. Country open and covered with small scrubby bushes. From Berta there are two hills to the left of the road.				
	Red soil	15	8	135	15	Good, generally hard soil and good country generally open and level with little undulations; some parts are hilly			At 4 m. past Berta; a stage of hills E. of it. Berta fort is surrounded by high hills.				
	It is called	15	8	150	23								
	Barren	10	0	160	33								
	Barrodo	8	8	168	41								
	Grounded P	8	0	176	49								
	Verpore	11	9	187	60								
	Indepor	8	4	195	68								
	Indeche	12	0	207	80								
	Temagur's P	8	8										
	Total			204	11								
	30 Larries												

116 — From the Salabumette to Denchaka the soil is very hard and the water is always good. From Denchaka the country is generally well watered by streams which however mostly dry up towards the end of the hot season. Between the Salabumette and Denchaka there are two Berta or Berta very muddy at spring tides. The passage of the Salabumette is very narrow, the bed being narrow with deep water on each side of it.

TABLE No 56

FROM BARODA TO JOORIA BUNDER, VIA PITLAUD, LIMBEE, AND WANKANERE  
GENERAL DIRECTION W 21 N

Authorities		Names of Stages	Distance.		Road and Soil	Water	Supplies	REMARKS.
Military	Civil		Stage	Total				
			Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division Ahmedabad.	Political Agent to Resident at Rajkot.	Departments of Baroda to Limbee.	13 0	89 4	Road excellent in dry weather. Ditto Ditto	Abundant from Bhagnat river Ditto from large tank Wells and wells	Proximate Moderate Ditto 2 slugs	Pala Table No. 51 (1) 145 houses good occupy ag ground on bank of the river At 5 m. Bara, 80 houses A small walled town with houses Post office good occupy ag ground 120 houses occupying ground enclosed. At 5 m 4 / cross the main road to Rajkot At 6 m 4 / Khichla, 250 houses At 7 m cross Bhagnat river At 8 m 2 / cross a large well Pala Table No. 11 (3)
		Makha P	11 0	121 4				
		Chorvach	11 0	136 4				
		De Jerna	73 6					
		Total 80 Mares		210 0				

TABLE No 57

FROM BARODA TO MAILIGAUM, BY BROACH, SEWAUN, SONGURH, AND  
KONDABAREE GHAUT.

GENERAL DIRECTION 21 N

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles Furlongs	Miles Furlongs				
General Officer Commanding Northern Division, Poona.	Collector of Kheda, at Broach.	Broach to Broach to Broach	130 0	130 0	Good cleared road	The Pagar river between these villages water also abun- dant from an aqueduct pass- ing through Malpore	Abundant from Ditto Ditto Ditto Ditto	Pala Table No 4 (1) Pala Table No 51 40 well built houses on the south bank of the Pagar river occupy 400 yards NW At 1 m 4 / pass Broach. At 4 m 1 / Gov and the cleared road to Broach branches off to the left Road leads along the Pa- gar river which is crossed near Gorda a small stream with rocky bed From Gorda the country becomes rocky then through hills and finally among fields 80 houses occupy NW Country at first open and cultivated. At 6 m the road wash round a hill whence an unenclosed plain covered with thick brushwood Two small villages on the right and left banks of the Meera river At 8 m the second of Broach's ghost enclosures At 9 m the top At 10 m Gorrabpore At 11 m a small dam At 12 m Khalevada and near the Meera river to Wankanere on the right the river is deep and rapid A detachment of Native troops on the Meera river Travellers bungalow Post and Te- legraph office At 5 m pass Ajay Desai try to get on a horse with this people
		Kanara-Malpor	11 0	170 0				
		Ditae	9 0	189 0				
		Wankanere and Kila Kantia	17 0	206 0				
		Mailigaum near DPT	11 4	217 4				
		Total 18 Mares		217 4				

TABLE No. 58 (1)

FROM BARODA TO MHOW, BY GODRA, DONUD, JABOOA, BHOPAWUR, AMJHERA, AND DHAR.

OFFICIAL DESCRIPTION, L. N. B.

Distances		Road and Soil	Water	Supplies	Remarks
Miles	Furlongs	Miles	Furlongs		
3 miles	Left				
Baroda	14 0	14 0			The first 10 m. fine and good over a level plain, then narrow in theory, over black soil.
Godra	9 1	23 1			Narrow and in some parts shallow and heavy with deep rate.
Amjhera	7 1	30 2			Good, but narrow in parts, and through a very narrow cutting at the Karam river.
Jabooa	9 1	39 3			Generally good, but narrow and in some places heavy and deep rate.
Donud	7 3	46 6			Good and (small) except 1/2 m. where through jungle, soil sandy.
Amjhera	18 7	65 3			
Total	21 miles	65 3			

TABLE No. 58. (2)

FROM BARODA TO MHOW, BY DUBHOSE, OHOTA OODDEPOOR, KOOKSEE, AND BHOPAWUR.

OFFICIAL DESCRIPTION, L. N. B.

No. of miles	Name of Place	Distances		Road and Soil	Water	Supplies	Remarks
		Stage	Total				
General Officer Commanding, N. Central Division, Amjhera.	Baroda to Dubhose	1 0	1 0				See Table No. 20
	Dubhose to Ohota	1 0	2 0				
	Ohota to Ooddepoor	1 0	3 0				
General Officer Commanding, N. Central Division, Amjhera.	Ooddepoor to Kooksee	1 0	4 0				Very good over a level plain, with light soil, but partly cultivated. From ponds in the river.
	Kooksee to Bhopawur	1 0	5 0				
	Bhopawur to Dhar	1 0	6 0				
General Officer Commanding, N. Central Division, Amjhera.	Dhar to Amjhera	1 0	7 0				A poor village, with an old fort on a hill over it, 2 or 3 m. to the S; near the road are some sculptured stones. At 8 m. 1/2, Karam, 1000 houses. At 9 m. 1/2, Karam, 1000 houses. 10 sheep (small and well). At 4 m. 1/2 of Karam, 10 houses. At 5 m. 1/2 of Karam, 10 houses. 10 water and supplies plenty.
	Amjhera to Baroda	1 0	8 0				
	Total 8 miles		8 0				

Authority	Name of Stage	Distance		Road and Soil.	Water	Supplies	Remarks
		Stage	Total				
		Miles. Furlongs	Miles Furlongs				
Military	Civil						
General Officer Commanding Mhow Division, Mhow	Agent to the Government General for Central India to Indore	Brought over	187 8				
		Boroo	18 7	148 8	Woolly and rugged, but possible for carts	Abundant from Abundant	A large village. At 4 m 14 f / Gungoon, 40 houses. At 8 m 4 f / Karamdole 20 houses, both on the left. At 10 m / Chandra, 10 houses. At 11 m 7 f / Chandra, 9 houses on left. Cross Chandra valley. From Karamdole to Chandra the road winds between hills.
		Tah-P	15 6	163 7	Possible for carts, the Tala glacial ground and steep	3 sheep	20 houses. At 8 m 1 f / Karamdole 200 houses. At 8 m 1 f / Chandra and Karamdole, 200 houses. Road line for through a partially cultivated valley with scattered hills. At 10 m 8 f / commences the Tala glacial, with gradual ascent to 12 m / thence along a ridge covered with jungle for 14 m / Cross slopes valley.
		Mhow	80 7 1/2				See Table No 14. (1)
		Total		328 4 1/2			
		22 Mares					
		Between Karamdole and Bhagpur there is a shorter line than that above given, but it is impracticable for carts, as follows:—					
		Thanda (connected to Bhag, as above)	187 8				
		Thanda	18 8	168 8	Rugged and steep road over rocky hills, covered with jungle, not possible for carts	Scanty, as in a mile	A small village and a fort in good repair, good surrounding ground 8 f / 8 f. Five small Bhawal houses on right and left of the road.
		Bhagpur	28 8	196 0	The Thanda glacial very steep and rugged, and not possible for carts	Abundant	At 2 m 3 f / from Thanda across a bad saddle. At 3 m 7 f / Anandpur a few houses. About midway across the Thanda glacial. At 8 m 7 f / Bhagpur, a large village.
		Mhow	80 8 1/2				See Table No 14. (1)
		Total		318 8 1/2			
		21 Mares					

Notes.—From Chota Chhapar to Bhagpur neither carts nor bullocks are to be procured, and no provisions save grain and milk. During the hot season the water is generally scarce, and bad. The jungle is extensive, and unhealthy after the rains. The villages are poor and small and the inhabitants (Kachh) generally unwilling to lend provisions. For all these reasons the route by Godes and Dohed (Table No. 56 (2)) is to be preferred.

TABLE No 58 (3)

FROM BARODA TO MHOW, BY DUBHOEE, CHOTA OODNEPOOR, KOOKSHE, KHUL,  
ON THE NERBUDDA, AND KILNER'S GHAT.

GENERAL DIRECTION E. to S.

Rail routes.		Name of Stage.	Distance		Road and Rail	Water	Supplies.	Remarks.
Military	Civil		Stage	Total.				
			Miles	Percentage	Miles	Percentage		
General Officer Commanding Mhow Division Mhow		From Chokasana, Chokul Baruch, to Chokasana		167 0				See Table No 50
		From Khul	7 3	174 1	Good country with abundant track and black.		Desert	A large village with Chokasana on the north bank of the Nerbudda river. At 3 m. 4 f. Laxmi, 6 houses.
		From S	13 8 1/2	187 4 1/2	Good roads and open country.	Shells and water.	80 steps	100 houses and travellers' bungalow; good occupying ground. At 3 m. 8 f. past Chokasana, some on right. At 5 m. 8 f. enter the Nerbudda valley (right). At 8 m. 7 f. Chokasana-100 houses, 7 steps, and 8 wells. At 11 m. 7 f. Chokasana 80 houses and 8 steps. At 15 m. 2 f. cross Chokasana valley (road) 25 yards wide. At 18 m. 4 f. Dabhoi 8 houses and a well. At 21 m. 4 f. Chokasana and well. At 24 m. 3 f. Dabhoi Chokasana, 10 wells. At 28 m. 8 f. road to Dabhoi Chokasana on left, and cross the Nerbudda river 120 yards wide, but steep, 1/2 m. to the right.
		From S	13 8	201 1 1/2	Good up to road, country hilly and jungle.	None	80 steps	100 houses and travellers' bungalow. A small oval station. At 12 m. cross Nerbudda river. At 14 m. 3 f. past of Bhagor Chokasana on right. At 18 m. 1 f. top of Ghant. At 21 m. 1 f. cross Bhagor river. At 24 m. 7 f. foot of Ghant or Kilner's Ghant. At 27 m. 6 f. top of Ghant, very country hilly and jungle.
		From Chokasana, Chokul B P T	13 8		Good up to road, country hilly.	Abundant	At low level	Large Chokasana land quarters of the Mhow Division; travellers' bungalow, Post and Telegraph Office. At 5 m. 8 f. Bhagor. At 10 m. 6 f. Patis and cross the Nerbudda river to camp.
		Total		216 7 1/2				
		20 Mhow						



TABLE No 59 (1)

FROM BARODA TO NEEMUOLI, VIA GODRA, DOHUD, PITLAWUD, RUTLAM, JOWHA, AND MUNDREORE.

GENERAL DIRECTION, N to S

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stage						Total	
			Miles	Perangs						Miles
General Officer Commanding Muz Chauri, Mysore, A Bangalore	Political Agent, Mysore, to Bangalore	Godra, Cratowood Chauri to Gatra To Dehri	47	8	95	16		Fate Table No 54. (1)  Fate Table No 14 (1)		
		8 p.m.	11	6	106	8	First 6 m. level, fine and level, the rest very heavy rain	A tank for tea, mushrooms, and a large well, water brackish	Nothing but sage	18 huts, in three small hamlets. At 3 m. 5 f. from Dehri across the Khadi river, bad road, ford rough and heavy. At 3 m. 7 f. Mundreore 30 huts. At 4 m. 4 f. Dehri ru. 30 huts. At 5 m. Dehri, low-burden, 30 huts. At 6 m. 1 f. Kach-las-Borden, 30 huts. At 8 m. 1 f. Talahia, 30 huts. At 8 m. 8 f. across the Khadi river, narrow, and with little water. No supplies at any of these villages, and water scarce. Country jungle, with cultivation near villages.
General Officer Commanding Muz Chauri, Mysore, to Bangalore	Political Agent, Mysore, to Bangalore	Agri	13	7	117	15	Heavy and rugged with deep ruts and rocky soil, better after crossing the river	well, plentiful and good	shop forage plentiful	30 huts. At 3 m. Khadi, 18 huts, water plain well from Anas river. At 4 m. 5 f. across it, banks steep, descent easy, road runs for 800 yards in the bed, of loose stones and sand and then up the right bank, by a steep cutting. At 4 m. 7 f. Dadoy 30 huts. At 9 m. 4 f. Indragiri, 30 huts. Country as before, bottoms open at Agri.
		Seepark	8	0	125	15	Tolerable cart road, first 3 m. rocky, and improved by a dike occasionally heavy, and worse in parts	large wells, and 8 poles in the Dandoo river	the full	100 houses, and a fort, occupying a plain between it and land. At 3 m. 5 f. Gawadia 30 huts. At 4 m. 4 f. across the Dandoo river small, with stony bed, and low banks. Country open and cultivated.
		Pichavri	13	7	138	1	Tolerable cart-road, excepting the second of the ground	large and 10 small wells, and river	abundant	500 houses, and 3 Chauris, occupying to the N., among hills. At 3 m. 4 f. across the Dandoo river a little water after the noon. At 4 m. 4 f. Woree, 17 huts. At 6 m. commences ascent to a tableland by a glacier up a back the road runs for 4 f., ascent easy, but rough, with rain and large stones, a well at the foot. At 6 m. 2 f. Chauri 17 huts. At 11 m. 8 f. Kora, 18 huts. Country between Woree and Chauri jungle, then open and cultivated.
		Seepark	8	7	146	8	Good broad cart road.	Country, from small wells	100 shops	215 houses, and a small round fort. At 3 m. 4 f. Kach-las, 200 houses, 12 shops. At 3 m. 7 f. Poon Boree, 16 huts. At 5 m. 5 f. Tawara, 35 huts. At 6 m. 3 f. across the Lartee river, 30 yards broad, bad rocky, banks low. At 7 m. 1 f. Boken, 18 huts. Country very undulating, and raised into ridges and knolls.
		Chayra	8	0	154	8	The first 4 m. narrow, with occasional ruts, but tolerably good. The rest very heavy, narrow, and rocky	From the Mysore river	200 shops, Seepark plentiful first rough barren	20 huts, on the Mysore river. At 1 m. 5 f. Madra, 40 huts. At 5 m. 5 f. Garavada, 25 huts. Country hilly.
		Current over			162	8				

General Officer Commanding Midway Division Mysore

Agent to the Government General for Central India, at Mysore.

As herities	Name of Shaps	Distance	Road as I find	Nat	Vegetation	Remarks
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TABLE No 59 (2)

FROM BARODA TO NEMUCH, BY COMREIT, BALASINORE, BEERPOOR,  
BANSWARA, AND PURTABGURH.

CENTRAL DEPARTMENT OF THE ARMY

[illegible]

NOTE - This is a summary of the work done in the past year and is not intended to be a final report. It is a summary of the work done in the past year and is not intended to be a final report. It is a summary of the work done in the past year and is not intended to be a final report.

TABLE No. 60.

FROM BARODA TO NUSSEHRABAD, BY BEERPOOR, KHAIRWARA, AND OODERPOOR.

GENERAL DESCRIPTION, ETC.

Authority.		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Miles	Percentage				
Military	Civil		Miles	Percentage				
General Officer Commanding Southern Division, Ahmedabad		Baroda to Gomati	27	4				See Table No. 54
		To Beerpoor	44	0				See Table No. 55 (7)
		Malpoor	14	0	4	Tolerable cart-road, through sandy soil and occasionally shaded by jungle. The Ambe, Bar Ghani road, and Gomati path have stones.	Abundant, from 8 large wells, and a tank.	Sandy, green sleep.
								valued village of 850 houses, under a holy hill to the W. eastward NW, near a well, ground covered by jungle. At 3 m. 11/2 pass Baroda, 20 houses. At 5 m. 4/2 Baroda 20 houses. At 8 m. 1/2 Omroaya, 8 huts. At 8 m. 3/4 Khatri, 20 houses. At 6 m. road passes through the Anke Bar Ghani or Khatri for 500 yards. At 8 m. Valcher, 20 houses. At 10 m. 3/4 Baroda 20 houses. At 11 m. 3/4 across the Wairat river looks high, but lower than 100 yards broad stream shallow. Here the Karna Oshantala comes. At 11 m. 3/4 Bagdespoor, 20 houses. These villages have all one or more good wells, but no supplies. Country generally sandy, with occasional cultivation.
		Kaira	10	7 1/2	26	Good hard cart-road, through sandy soil.	10 wells of good water, and a house and small tank.	Sandy, green sleep.
								10 houses among 20. At 8 m. pass between Pura and Dargah, 15 and 20 houses. At 6 m. 4/2 Fagdespoor, 8 huts. At 5 m. 1/2 Tashidra, 10 houses. At 8 m. 3/4 Fagdespoor 20 houses. At 8 m. 7/2 Valcher 20 houses. At 10 m. 3/4 across a small river. Country generally sandy with numerous forest trees.
		Baroda	8	0	100	Good cart-road, but part heavy in sand and confined by jungle.	Mayra river. Walls in the village, and 8 outside.	Abundant, 20000 houses, on the Mayra river at the foot of some hills, extending in fields to the N. At 1 m. 4/2 across Kaira river, dry, with low banks, and sandy bed. At 3 m. 3/4 Kulkipoor, 20 houses. At 5 m. 7/2 the valley (town of Marana, on the Mayra river, supplies and water abundant, and good country ground N and SE. Cross the river here by an easy ford but gravelly, about 200 yards broad. At 6 m. 5/2 Purna, near, 25 huts. At 6 m. 4/2 Kulkipoor, 7 huts. Country cultivated, with some jungle.
		To Ooderpoor	26	8				See Table No. 15. (1)
		To Nussehrabad	146	42				See Table No. 16. (1)
		Total			247	42		
		21 March.						

TABLE No. 59 (2)

## FROM BARODA TO NEEVUCH, BY OOMREIT, BALASINORE, BHERPOOR, BANSEWARA, AND PURTABGURH.

GENERAL DIRECTIONS, ND 1894

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Perchages	Miles	Perchages				
General Officer Commanding Northern Division, Ahmedabad	Collector of Taxes	Baroda Cantonment Church to Oomreit		27	6			File Table No. 51		
		Town	8	4	87	0	Very heavy, sandy road; a narrow rivulet near Jyo Khar, and latently very narrow		Abundant, from tanks and wells	Abundant
	Political Agent Kevra Kumbha, at Baroda.	Bansewara	11	1	23	1	Very heavy, in some parts from road in all on from cut bank, and much scattered by tanks.	18 to	Abundant	A large walled town, under a Kanab, good and open, surrounding ground were a large tank to the N. At 4 m 4 f pure Wansarov, 400 houses, 30 shops. At 5 m 3 f Dharu, 80 houses. At 8 m 2 f Bansewara, 100 houses, a few shops. At 11 m 5 f Bherpur, 55 houses. Country almost jungle and cultivated.
		Pandhwa	8	9	31	0	Good heavy and sandy and much jagged, but from the third and with ridges	Abundant, from wells	From 18 to 20	400 houses, a hall in the NW. At 1 m 7 f Moonda, 20 houses, and at 8 m 4 f Khar, 15 houses. Country jungle.
		Bherpur, poor	10	1	71	4	Good road, but very sandy in some parts, and somewhat jagged in others	Abundant, from wells, as in the large secure Dargah near	Abundant	A small town between two small rivers, with low banks, sandy banks, and constant water, which run into the Rykhar about 8 m in the N. surrounding ground, good, to the NW. At 1 m 1 f Chaudhara, 80 houses, and a tank. At 2 m Kansewara, 60 houses, 5 wells. At 3 m 4 f Larkia, 15 houses. At 5 m 4 f Khar, 20 houses. Country jungle, with some cultivation, and some sandy ridges.
	Political Agent Kumbha Kumbha, at Baroda.	Balwa	14	0	85	4	No the further stage the road is through thick jungle and cultivated, and for about 3 m strewn with stones. The ascent of the plateau is through a road generally good.	Abundant, from wells, and a tank	11 shops and 4 m 5 f pure along road	A cultivated village of 300 houses, extensive area a large tank, about a mile from the village. At 2 m 5 f Gopwala, 10 houses. 1 well. A range of hills to the right. At 8 m 9 f Purbhara, 120 houses, a shop, and a well. At 12 m 5 f Bansewara, 100 houses, 1 shop, and 8 wells. Country wild and jungle, with cultivation near villages.
		Baratana	18	0	93	4	Pretty good but occasionally very dry. The road runs along through thick jungle	A large tank, which is to be seen from the hill in the N.	None, but a few small ones	20 small tanks along a ridge to the right of the road, good, surrounding ground N. 400 yards from the tank, cultivated by jungle. At 1 m 7 f Pandhwa, 120 houses, 8 shops, and several wells. At 4 m 1 f Bherpur, 55 houses, 15 tanks. At 8 m 4 f a small tank, with good water. Country wild and jungle.
To Kumbhach		278	8						File Table No. 13 (3)	
		To at 27 March			278	8				

Notes.—This Route was watched by a horse battery of 8 guns, under Captain Kelly, in December 1890, and is therefore perfectly practicable for guns, but the line by Gadhra and Bherpur given in Table No. 53 (1) is preferable.







TABLE No 62.

FROM BARODA TO RAJKOT, BY PITLAUD, DUNDOKA, AND PALLAD.

GENERAL DIRECTIONS, W

Authority	Order	Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage.	Total.				
			Miles Percentage	Miles Percentage				
General Officer Commanding Northern Division Ahmedabad	Civil	Baroda to Wazwan		52 75				Field Table No 51 (1)
		De Palled (Baria)	80 0	132 75				Field Table No 51.
		Yamcha	12 7	144 82	Indifferent road, hill and rocky country	Good in pools in the river		A small village, country about 3 m. W. on dry ground. From villages of Uchla Palled, Wazwan, and Tharia. Country open, hilly, and rocky, and black; road straight, to road had place.
		Aymer	8 8	152 90	Doth	Shallow river, small pools	10 shops	A small village, on the Baroda river. From villages of Uchla and Harnam. Country as before.
		Baria	11 3	163 13	Doth	Road from a well and a small running stream	10 shops	A small village, near the source of the Baroda river, partly deserted. At 5 m. 7 f. from Aymer, a large village, with 40 shops. Country hilly, with trees, jungle.
		Baria	11 11	174 24	Good road, but rocky	In pools in hill of the Baroda river	10 shops	A small village, nearly to the westward, on good open ground. From the villages of Baroda at 3 m. 8 f., and Harnam at 7 m. 1 f.; country open. Country hilly and rocky, but open, and black.
		Baria's Government Office R P T	11 4	185 28	Doth	Aymer river, about 100 yards wide	Abundant	A large fortified town on the left bank of the Aymer river about 100 yards wide, with high rocky banks and a rocky wall passing round the wall and north of it. The town and surrounding area about 1,000 yards to the W and NW, in an open place of black soil, with good drainage to the river. Travellers' bungalow, Post and Telegraph offices. At 4 m. 7 f. from Aymer, a small village.
		Total		174 28				
		16 Marches.						

NOTE.—The road is quite unserviceable in the rain and until the sandy ground between the Sahavand and Dundoka is dry. The Maroon Route is as follows:—

General Officer Commanding Northern Division Ahmedabad	Civil	Baroda to Bhagpur		52 0				Field Table No 51 (2)
		Talawa	8 8	102 8	Good road in dry weather, over black soil but swampy from June to December	Abundant, from a tank, but not very good, also by digging in the bed of the Baroda river	Abundant	175 houses, on the Baroda or Baria river at 100 yards, surrounded by a wall. Railway station, house, Police house, Post office and travellers' bungalow about 4 miles to the west of the town. At 6 m. 8 f. Wazwan, 40 houses. At 8 m. 8 f. from Wazwan, 40 houses, 5 wells, and a tank. Cross the Baroda by a deep sandy ford, shallow bed and rolling stream.
		Wazwan B P	15 1	117 9	Good, wet-road over sandy soil	Abundant, from a large tank, many wells, and the Baroda river	Abundant	
		Correct over		117 9				

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
			Stage	Total						
Military	Civil		Miles	Partings						
General Officer Commanding Madras Division, Alwarpet	Political Agent at Kottar, at Rajahmundry	Brought over		118	4	Good met road, over sandy soil	Abundant, from wells and the Mangrove river	Abundant	1,800 houses, 2 Government bungalows, Post office and travellers bungalow; mangrove ground N. At 8 m. from Kottar 30 houses S. wells At 8 m. S. / Lumbini or Thuvu At 10 m. S. / Jangpur, mud villages.	
		Madras R.F.	18	8	131					7
		Refugee Outstation Okara.	86	0						
		Total			184					8
		17 March 19								

TABLE No 63

## FROM BARODA TO RAJPIPLELA, via DUBHOEN

## GENERAL DIRECTION SE

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
			Stage	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Madras Division, Alwarpet	Resident at Baroda.	Baroda Christian Mission Church to Bhamburda post	14	0	14	0	Fair weather country, met road, soil sandy.	From wells and the Dabur river	100 houses and a Government bungalow; mangrove ground N. near some mango trees. At 8 m. from the Yagannaswari river (to Dept.) At 8 m. S. / Lakshmi ghat of the town of Baroda. At 8 m. S. / Chaudhary. At 8 m. S. / Koppur 125 houses. At 8 m. S. / Rajahmundry, 40 houses S. shops. At 8 m. S. / Chaudhary or Lakshmi 100 houses. 1 shop, a large tank and a "Kutub" bungalow of the Engineer the Officer, and across the Dabur river (bridged). At 12 m. S. / Rajahmundry 40 houses, 2 shops.	
		Dubhoen R.F.	7	0	21	0		Abundant	Abundant	A small walled town, 4,000 houses, travellers bungalow, Railway station. Post office and Government bungalow; mangrove ground N. near the Railway station. At 7 1/2 m. from the Dabur river (bridged). At 8 m. S. / Lakshmi, 20 houses. At 8 m. S. / Vagga, 20 houses. At 7 m. S. / across the railway to Dabur. Country open.
		Bhamburda	11	0	32	0	Fair weather country, met road in some places (bumpy), deep ruts, soil black.	Abundant	Not Abundant	A large village on the north bank of the N. river, Government bungalow, mangrove ground N. near the town of Dabur. At 8 m. S. / Bhamburda ghat. At 8 m. S. / a Government bungalow on left of road. At 4 m. S. / Koppur 20 houses. At 6 m. S. / Wadi 20 houses, 2 shops. At 7 m. S. / The N. river, 2 shops. At 10 m. S. / N. river (large) Country open.
		Carried over			35	0				

Authorities		Names of Bridges.	Distances.		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Paras					Miles
General Officer Commanding Northern Division, Amritsar	Pahelal Singh of Baram Kauria, at Baram.	Brought over							
		Chandala	8	14					
		Palpuria	7	7					
		Total			81	81			
		8 Marches.							

<p>The weather coming out road in a few places (not at deep cut, soft black</p> <p>Cut road for 4 miles (the road through hills and jungle</p>	<p>Abundant Karyas, every banks and walls</p> <p>Thin, walls and Xosa walls</p>	<p>Abundant, 80 A slope</p> <p>20 lots of Mahomedan, 20 Khat's hair, and 20 Khat's hair on the slope of a hill (the ground good) At 8 m 1/2 feet up 10 brown. At 7 m 81/2 foot up 10 brown. At 6 m 81/2 foot up 10 brown. At 5 m 81/2 foot up 10 brown. At 4 m 81/2 foot up 10 brown. At 3 m 81/2 foot up 10 brown. At 2 m 81/2 foot up 10 brown. At 1 m 81/2 foot up 10 brown. At 0 m 81/2 foot up 10 brown.</p>
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TABLE No. 04.

## FROM BARODA TO TUNKARA HUNDER, BY JUMBOSEER.

GENERAL DISTRICT, 4th BR.

Authorities		Names of Bridges.	Distances.		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Paras				
General Officer Commanding Northern Division, Amritsar	Mahant of Baram.	Service Chaudhary, Chaudhary to Pata	10	4	Good for all cart roads. Bumpy, and was wheel heavy in parts.	Large tanks and numerous wells. No stream here at all except	Abundant	1,500 houses. 1,000 through the town and across NW, were large dharmshalas, on the land of a tank. At 4 1/2 miles 100 houses. At 5 1/2 miles 1,400 houses, 5 shops. At 6 1/2 miles 20 houses. At 8 1/2 miles 10 houses, with small tanks at all the villages. Country level, open and cultivated, with numerous trees.
		Tunkara Hunder	25	7				
		Total						
		1 Marches.						



TABLE No. 65. (I)

## FROM BELGAUM TO CHINGLI, BY KAMATNUR AND ANKLI.

GENERAL DIRECTION, NE

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles. Furlongs.	Miles. Furlongs.						
General Officer Commanding Belgaum District, Belgaum.  Collector of Belgaum.		Belgaum Fort Gate to Batramatti	10	1	Good made road, chiefly red soil; rivers and nullas bridged.	1 well.....	None .....	50 houses; good encamping ground to SW. of village. At 8 1/2 f. road to left branches off through city of Belgaum on to Vingoria. At 0 1/2 f. two police stations. At 1 m. 2 f. road from Belgaum city joins on left. At 3 m. 0 1/2 f. Yemnapur, 50 houses, 1 well. At 5 m. 2 1/2 f. Kanki, 350 houses, 7 shops, numerous wells; encamping ground 1 m. N. of village. At 0 m. 2 1/2 f. Markand river, 53 yards wide, bed sandy, crossed by bridge. At 6 m. 5 f. Hongi, 230 houses, 3 shops and a dharmashala, water from wells on the Markand river. At 7 m. 2 1/2 f. Bonhati, a few houses with 3 wells. At 8 m. 2 1/2 f. Jogunhati, 20 houses; country cultivated. At 9 m. 1 1/2 f. toll chowkee to the left.		
		Hatargi.....	11	...	21	1	Ditto .....	Nulla and wells.....	5 shops .....	30 houses with a dharmashala and police station; encamping ground to N. of village. At 1 m. 3 f. toll chowkee to the left. At 1 m. 6 f. Hakad to right, 20 houses, police station and a dharmashala, water from a well; encamping ground SE. of village. At 3 m. pass a chowkee. At 3 m. 7 1/2 f. police station to the left. At 0 m. Soti-gati, 80 houses, 4 shops, travellers' bungalow and dharmashala, water from Gatarpa river; encamping ground SE. of village. At 3 m. 4 1/2 f. cross Gatarpa river (bridged), 127 yards wide, bed stony. At 6 m. 0 f. toll chowkee and dharmashala to the left, and 4 shops to the right. At 7 m. 1 f. Denkanhati, 25 houses, 3 f. to the right. At 7 m. 0 f. pass a chowkee to the left. At 8 m. 1 1/2 f. Nangati, 2 f. to the left. At 9 m. 2 1/2 f. chowkee to the left. At 10 m. 1/2 f. road crosses from Dadi to Tomkannurdi. At 10 m. 8 1/2 f. Dadmarochi, 20 houses. At 10 m. 0 1/2 f. cross a nulla, 20 yards wide, bridged.
		Kamatnour .....	9	5 1/2	30	5 1/2	Good made road up to Gatur, the rest cleared but unmetalled.	Good and plentiful from 2 wells, also from Cupral nulla.	2 shops .....	300 houses and police station; good encamping ground SW. of village. At 1 m. 0 1/2 f. Hinchimal, 4 f. the right. At 4 m. 7 1/2 f. Chikolgrud, 130 houses, 3 shops, dharmashala and police station; encamping ground N. W.; water from Harankadi river. At 5 m. 4 f. cross the Harankadi river, bridged, 121 yards wide, bed sandy. At 5 m. 4 f. Hibal, 3 f. right of road. At 6 m. 3 1/2 f. cross Cupral nulla, bridged, 53 yards wide, bed sandy. At 0 m. 5 1/2 f. Gatur, 160 houses, travellers' bungalow, encamping ground NW. near travellers' bungalow; water from Cupral nulla; maderoad to Kolhapur branches off to the left. At 7 m. 0 1/2 f. Gudnal, 40 houses, police station 1 1/2 f. to the right. At 8 m. 4 1/2 f. road from Santoswar to Gokak crosses here. At 8 m. 8 1/2 f. cross Cupral nulla, 43 yards wide, bed sandy, banks low.
		Carried over.....	...	...	30	5 1/2				

( 1806 )

Authority	Military	Civil	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
				Stage	Total				
				Miles Postage	Miles Postage				
General Office Commanding Hyderabad Division Hyderabad			Collected at Badagum	Brought over Chalk	11 8 23 21	Overall road installed	Abundant from wells and 2	Plentiful, 17 wells and 21 streams	1,000 houses, 4 Shamsas, Kumbhar's latrine, Post office, police station and dispensary, meeting my ground 8 near Channabai. At 12 f cross a road and At 1 = 41 f cart road from Nag crosses At 2 = 71 f Annapurna, 8 f to the right At 3 = 81 f cart road to Annapurna crosses At 4 = 1 f large 8 f left At 5 = 8 f 1/2 mile, 41 f left At 6 = 13 f two wells of good water At 7 = 1 f 1/2 mile At 7 = 7 f dispensary 4 f left At 8 = 7 f 1/2 mile At 10 = 1 f cross walls 20 yards wide but sandy banks sloping, fordable 1 1/2 hour after heavy rains At 11 = 11 f cross sand or walls, 18 yards wide but sandy banks sloping, fordable 1 hour after heavy rains At 12 = 8 f wall At 12 = 8 f pass a Shamsa to the right
				Aski	8 7 23 14	Ditto	Plentiful wells	From 12 stage	800 houses Shamsa and police station surrounding ground 8 1/2 of village At 1 = 1 f pass wall and bed 180 yards to the left At 2 = 1 f pass wall and 1/2 to the right At 3 = 8 f Pargal 4 houses At 4 = 8 f cross walls 25 yards wide but sandy banks very fordable 1 1/2 hour after heavy rains At 5 = 7 f cart road to Kulpur At 6 = 8 f dispensary, 4 f left At 8 = 3 f wall of good water 1 f right At 8 = 21 f cart track to Jethapur At 9 = 1 f elevated road to Chalk, branches off to the right and cross a wall, 30 yards wide but sandy banks very fordable 1 1/2 hour after heavy rains At 9 = 24 f wall 8 f pass walls of good water to the left At 10 = 24 f a wide road to Tungabhadra branches off to the left
				Chalk	10 4 33 2	Two cart road	Plentiful 4 wells	From 26 miles and Kumbhar's	700 houses post box, meeting my ground 8 of village At 21 f cross a large wall 300 yards wide but sandy, 1 hour after heavy rains 2 hours after heavy rains At 2 = 8 f Shamsa 800 houses, 8 at op 1 Shamsa and police station, surrounding ground 17 of village water from wells and Kumbhar river At 3 = 14 f Shamsa Wells 40 houses to the right At 4 = 2 f wall and beds to the left At 4 = 6 f 1/2 mile 123 houses 1 Shamsa and police station, water from wells At 5 = 71 f pass 2 wells At 6 = 25 f cross walls 40 yards wide but sandy banks low fordable 1 1/2 hour after heavy rains At 7 = 8 f low Kulpur 3 f to the left At 7 = 41 f wall and bed to the right At 8 = 1 f wall 8 = 21 f pass walls At 8 = 41 f cart track from Kulpur and Kang pass a house on the left At 8 = 24 f 1/2 mile 255 houses 6 at op, dispensary, ground 17 of village water from wells and a wall At 9 = 1 f cross a wall, 27 yards wide but sandy banks sloping fordable 1 hour after heavy rains At 9 = 81 f cross a large wall 170 yards wide, but sandy banks sloping fordable 4 hours after heavy rains At 9 = 71 f elevated cart road into this route
				Total	33 2				

C Miran







TABLE No. 63.

## FROM BELGAUM TO GOA, BY THE RAM GHAT.

GENERAL DESCRIPTION, &amp;c.

In letters		Name of Place	Distance				Road and Soil	Water	Supplies	Remarks	
Military	Civil		Miles		Furlongs						
			Whole	Fraction	Whole	Fraction					
General Description of Country as far as Belgum District, Belgum		N. Gate of the Fort of Belgum to Keshavnagar	11	1	11	1	The whole of this road has been made by the people, and most of the day, and night are paved, it is very bad, and is very bad, and is very bad.	Good and sweet water from wells and tanks.	Scarcely	Temperature ground extremely dry and good At 11:30 p.m. Rainfall, a well and some water to supply. At 12:15 p.m. it is very hot, sometimes unbearable for hours in the rain. At 8:00 p.m. Rainfall 1/2 of which was from the rain, where a small boat was during the rain; Rainfall has 4 wells, supplies water, temperature ground W, good and dry. At 11:00 p.m. of Keshavnagar cross a small which water full. Country open and undulating, with cultivation in the bottom.	
		Datta . . .	8	5	20	5	Datta . . .	Unimproved, from the bottom river.	Unimproved, from the bottom river.	1201 p.m., and a diurnal (Keshavnagar). Market once a week, good dry, temperature ground near Keshavnagar, 1/2 of which was from the rain, and is very hot, sometimes unbearable for hours in the rain. At 11:30 p.m. Rainfall, a well and some water to supply. At 12:15 p.m. it is very hot, sometimes unbearable for hours in the rain. At 8:00 p.m. Rainfall 1/2 of which was from the rain, where a small boat was during the rain; Rainfall has 4 wells, supplies water, temperature ground W, good and dry. At 11:00 p.m. of Keshavnagar cross a small which water full. Country open and undulating, with cultivation in the bottom.	
		Keshavnagar, 1/2 of which was from the Rain Ghat	8	2	30	2	Datta . . .	At 11:30 p.m. from the rain, with 1/2 of the rain.	At 11:30 p.m. from the rain, with 1/2 of the rain.	1201 p.m., and a diurnal (Keshavnagar). Market once a week, good dry, temperature ground near Keshavnagar, 1/2 of which was from the rain, and is very hot, sometimes unbearable for hours in the rain. At 11:30 p.m. Rainfall, a well and some water to supply. At 12:15 p.m. it is very hot, sometimes unbearable for hours in the rain. At 8:00 p.m. Rainfall 1/2 of which was from the rain, where a small boat was during the rain; Rainfall has 4 wells, supplies water, temperature ground W, good and dry. At 11:00 p.m. of Keshavnagar cross a small which water full. Country open and undulating, with cultivation in the bottom.	
		Datta . . .	11	1	41	1	Datta . . .	Wells and tanks	Wells and tanks	1201 p.m., and a diurnal (Keshavnagar). Market once a week, good dry, temperature ground near Keshavnagar, 1/2 of which was from the rain, and is very hot, sometimes unbearable for hours in the rain. At 11:30 p.m. Rainfall, a well and some water to supply. At 12:15 p.m. it is very hot, sometimes unbearable for hours in the rain. At 8:00 p.m. Rainfall 1/2 of which was from the rain, where a small boat was during the rain; Rainfall has 4 wells, supplies water, temperature ground W, good and dry. At 11:00 p.m. of Keshavnagar cross a small which water full. Country open and undulating, with cultivation in the bottom.	
General Description of Country as far as Belgum District, Belgum		Chow . . .	12	2	51	2	Chow . . .	At 11:30 p.m. from the rain, with 1/2 of the rain.	At 11:30 p.m. from the rain, with 1/2 of the rain.	1201 p.m., and a diurnal (Keshavnagar). Market once a week, good dry, temperature ground near Keshavnagar, 1/2 of which was from the rain, and is very hot, sometimes unbearable for hours in the rain. At 11:30 p.m. Rainfall, a well and some water to supply. At 12:15 p.m. it is very hot, sometimes unbearable for hours in the rain. At 8:00 p.m. Rainfall 1/2 of which was from the rain, where a small boat was during the rain; Rainfall has 4 wells, supplies water, temperature ground W, good and dry. At 11:00 p.m. of Keshavnagar cross a small which water full. Country open and undulating, with cultivation in the bottom.	
		Chow . . .	12	2	51	2	Chow . . .	At 11:30 p.m. from the rain, with 1/2 of the rain.	At 11:30 p.m. from the rain, with 1/2 of the rain.	1201 p.m., and a diurnal (Keshavnagar). Market once a week, good dry, temperature ground near Keshavnagar, 1/2 of which was from the rain, and is very hot, sometimes unbearable for hours in the rain. At 11:30 p.m. Rainfall, a well and some water to supply. At 12:15 p.m. it is very hot, sometimes unbearable for hours in the rain. At 8:00 p.m. Rainfall 1/2 of which was from the rain, where a small boat was during the rain; Rainfall has 4 wells, supplies water, temperature ground W, good and dry. At 11:00 p.m. of Keshavnagar cross a small which water full. Country open and undulating, with cultivation in the bottom.	

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies.	Remarks	
			Stages	Total					
Military	Civil		Miles	Perchages.					Miles
Pargana Territory	Governor of Oen	Brought over		25	5	By water	Abundant	Abundant	passed at Astorvian, on water here glow, and the voyage down the river generally about three hours, including half tide At 8 a. Docking at 4.30 1/2 North Wind.
		Custom House at Pargana, or here the	15	0					
		Total		25	5				
		8 Mares.							

passed at Astarwan, on water being given, and the voyage down the river is generally about three hours, collecting at half tide. At 8 m. Doodhmagi. At 10 m. 1/2 hours more.

Passes to the east of Government at Gen, and is situated half way between Old Gen and the sea.

TABLE No 67.

## FROM BELGAUM TO GUJJUNDURGURH, BY NURGOOND.

GENERAL INFORMATION, &amp;c

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Belgaum Province, & Agents	Collector of Belgaum	Belgaum Fort Gate to Bagwanee Ho in Bagwanee	15	5	Good made road	Abundant	Moderate	Two Table No. 68
			15	5				
			15	5				
		Marapetkote	15	5	Ditto	Tack for six months well 2 m. to north	1 slope	300 houses. The river Malprata is crossed at the end of the stage, 300 yards broad, bed hard and mostly banks, black soil, rather steep on the north; divides after Marapetkote. A broken road, but in the road, holding twenty men. At 8 m. pass Chik. Bagwanee, 200 houses a stage, and three wells. At 4 m. 3/4 Chikote Koorwade, a tank for six months, no supply here. At 2 m. 3/4 Marapetkote and Koorwade, 200 houses, 10 wells; supplies abundant, water plentiful from wells and tanks; some good ground W. At 10 m. 3/4 cross a tank of water broad, broken stage and muddy, bed sandy.
			15	5				
			15	5				
		Uranbhosane	11	5	Ditto	Tack for six months well 2 m. to north	1 slope	270 houses, tank cultivation. At 8 m. 1/4 pass Belgaum, 250 houses, market on 1/2 stage; supplies abundant, 8 days, 10 wells, and a tank with water all the year. At 8 m. 1/4 Chikote, 100 houses on company ground II, 3 days, 6 wells, and a tank.
			11	5				
			11	5				
		Carried over		20	4			

300 houses. The river Malprata is crossed at the end of the stage, 300 yards broad, bed hard and mostly banks, black soil, rather steep on the north; divides after Marapetkote. A broken road, but in the road, holding twenty men. At 8 m. pass Chik. Bagwanee, 200 houses a stage, and three wells. At 4 m. 3/4 Chikote Koorwade, a tank for six months, no supply here. At 2 m. 3/4 Marapetkote and Koorwade, 200 houses, 10 wells; supplies abundant, water plentiful from wells and tanks; some good ground W. At 10 m. 3/4 cross a tank of water broad, broken stage and muddy, bed sandy.

270 houses, tank cultivation. At 8 m. 1/4 pass Belgaum, 250 houses, market on 1/2 stage; supplies abundant, 8 days, 10 wells, and a tank with water all the year. At 8 m. 1/4 Chikote, 100 houses on company ground II, 3 days, 6 wells, and a tank.

100 houses, company ground II or W; Paragani hill close. At 8 m. 3/4 pass Belgaum, 100 houses, company ground W, and a tank for six months. At 7 m. 3/4 Belgaum, 200 houses, company ground I. This village and Belgaum are close under the Paragani hill, which lies to the N.

Authorities		Names of Brigades	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Percentage	Miles	Percentage		
General Officer Commanding Hyderabad District, Hyderabad	Collector at Dibrugarh	Brought over			50	4		
		Varganad P.	12	2	62	0		A large town and hill fort; branch Post office, messup office W or R; near the tank. At 5 m 1/2 pass Karat-mahar, 80 houses, 2 shops, a tank for tea-making. At 7 m. Gaurkhatia, 80 houses, 1 shop, and a tank for green manure.
		Hatira	8	2	72	0		120 houses. At 1 1/2 pass Boudagouria, 100 houses, walls, well, and tank, no supplies. At 1 1/2 = 3 / cross a mulla, 40 yards wide, shallow and muddy, and occasionally impassable after rains.
		Hooker	10	0	82	0		200 houses. At 4 m cross a mulla 60 yards wide, tank 18 feet deep, but muddy, and frequently impassable in the rains.
		Folgre	10	0	92	0		180 houses. At 5 / cross Hamee mulla 180 yards wide, bed muddy, banks shabby, occasionally impassable in the rains. At 1 1/2 Muddagouria, 100 houses, wall, and mulla, no supplies. At 3 m 4 / Khatia, 50 houses, a shop, and 1 well. At 4 m 4 / Khatia, 100 houses, 2 shops and 1 well. At 7 1/2 1 / Mopha, 80 houses, 1 shop, 1 well, and a well.
		South Gate of Dibrugarh	4	2				A large place. At 3 m 5 / pass Pandua 800 houses, 4 shops, 5 wells. At 6 m 7 / Bapor, 180 houses, mulla, and a well.
		Total			102	4		
		8 March						

TABLE No. 68.

FROM BELGAUM TO KALUDGHER.

GENERAL DIRECTION, INAL

[illegible]

General Officer Commanding Baluchistan District, Baluchistan.

Authority		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Miles.	Percentage.				
General Officer Commanding Baluchistan District, Baluchistan.	Collector of Baluchistan.	Through area	10	0				
		Example 1.	17	4	Wide road; surface paved on the west side of the road.	Abundant	4 steps	200 houses, and a traveller's bungalow; country cultivated. At 1 m. 1/2. Kuch Goude, 80 houses. At 1 m. 5/8. Ghant bagan, and cantonment for 1,200 yards; rather steep near the top, but a good very ready descent graded. At 2 m. 4/5. Transcanton, 20 houses. Travellers should take water on to the head bungalow at Yagotien, the water there being bad.
		Distance	9	0	Clear, cultivated, in good, pure water; yearling very good.	Good, pure water; he had through-out the year.	Scarcely	A small village at some little distance on the left of the road, occupying near the road. At 1 m. 2/3. p. (p. 100) description, small village, the main bank here is rather steep. At 1 m. 5/8. Chindara or Scarve, 3/4. left of road, 200 houses, 3 steps, and a well at about 100 yards distance from the village, also in a steep gully, with 2 feet of water in May. At 1 m. 11/2. Chindara, left of road.
		Example 2.	14	5	Clear, occasionally black soil, generally very good; very sandy for 2 m. near Sappho.	Very good, from water (p. 100) the year.	None	Small village on the bank of a valley, at about 1/2 m. from the road; good occupying ground; cultivated country. At 1 m. 6/8. p. 100. Halina, a poor place, with scarcity of water. At 4 m. 0/8. Sappho, 200 houses, but scarcity of water in hot weather. At 5 m. 1/2. Yagotien, 200 houses, 4 steps, and a traveller's bungalow. The water here is undrinkable, but there is good water accessible at a village three miles off. Clear road branches off from this to Kuchan and Gohai, and to Wargan. At 11 m. 5/8. Sappho a good-sized village, but no water.
		Distance	12	11	Good road; a good deal of black soil.	Large well 6 feet deep in April, but the water at that time sandy, and thick.	2 1/2 steps	100 houses, and traveller's bungalow, at a few hundred yards from the road; occupying high, open ground, near bungalow. At 4 miles pass Chindara, 100 houses, 2 steps; good water from a well 200 yards W., 30 feet deep in April, and from a well; good high occupying ground. At 10 m. 5/8. Sappho, a few houses.
		Example 3.	9	7	Black and red soil; very sandy, the Khind.	Wells and wells all the year.	None	200 houses, occupying ground around and rocky. At 6 m. 7/8. Sappho Khind, on very poor. At 0 m. 2/3. Halindara and Lachin Sappho, right and left, 80 and 80 houses. Country cultivated, but water scarce in the hot weather.
		Distance	9	5	Black soil; rocky and sandy in parts.	Abundant, over.	Abundant	A small cantonment, and head-quarters of the Chindara. A small well on the Chindara river, traveller's bungalow, and a small house from Lachin, 20 yards wide, house very. At 11 1/2. Yagotien, 20 houses, and also Kuch, 40 houses right and left. At 5 m. 11/2. across a valley, 20 yards wide, house very. At 8 m. 5/8. Kuch, 200 houses, 1 step.
		Total	70	4				
		7 March.						
		Distance	9	5	Black soil; rocky and sandy in parts.	Abundant, over.	Abundant	A small cantonment, and head-quarters of the Chindara. A small well on the Chindara river, traveller's bungalow, and a small house from Lachin, 20 yards wide, house very. At 11 1/2. Yagotien, 20 houses, and also Kuch, 40 houses right and left. At 5 m. 11/2. across a valley, 20 yards wide, house very. At 8 m. 5/8. Kuch, 200 houses, 1 step.

Notes.--This road is wide and bridged on the at Matanzas; from Chama it has been for years widened, cleared, and improved, and is an excellent first-class road.



Activities		Amount of Storage	Distances		Road and Soil	Water	Supplies	Remarks
Whisky	Oil		Stages	Total				
			Stages	Total				
Collection of Cans at Kaveri								
		Brought over		80 14				
		Artyla, at the foot of the ghost R	11 41	91 7	Made road	Ditch	1 sheep	10 houses and travellers' bungalow; many pig ground NW. At 1 m 71/2 Yellowmoss, 12 houses and 3 sheep. The summit of the Artyla peak commences here. At 3 m 8/2 Hatched 5 in row at the foot of the ghost. At 5 m 14/2 Pigeons 20 houses 4 of eggs. At 8 m 63 Chatterbox perched on the summit of the Artyla peak; domestic very Country lumpy and jumpy
		Medikal B	12 14	103 51	Made road, a line and river bridge	Track and walls	2 sheep	20 houses and travellers' bungalow; many pig ground NW. From Artyla the road runs north along the left. At 6 m 7/2 Yellowmoss 2 birds. At 8 m 8/2 Yellowmoss, 6 houses. At 8 m 8/2 Yellowmoss, 6 houses. At 9 m 14/2 Hatched, 1 house. At 10 m 8/2 Yellowmoss, 6 houses 1 sheep. Country lumpy and jumpy
		Alam R	10 4	113 45	Ditto	Ditch and walls	None	20 houses and travellers' bungalow; many pig ground NW. At 1 m 71/2 Hatched 4 houses. At 1 m 71/2 Yellowmoss, 6 houses. At 7 m 61/2 across the line between the river 62 yards wide but sandy. At 8 m 4/2 Hatched, 6 birds. Country jumpy
		Hathakur R	10 5	123 14	Ditto	River	None	20 houses and travellers' bungalow; many pig ground NW. At 1 m 14/2 Yellowmoss 10 houses. At 1 m 7/2 Near 10 houses. At 7 m made road to Artyla branch off to the left. At 7 m 8/2 Yellowmoss 20 houses 14/2 left. At 10 m 8/2 across the Hathakur river 20 yards wide but sandy. Affected by the tide. Scarcely at low water. Country lumpy and jumpy
		Kaveri B P T	14 41		Ditto	Along road	Along road	A civil station, head quarters of the Government, travellers' bungalow. Post and Telegraph office; warehouse, ground and At 7/2 Across 20 houses. At 8 m 4/2 Yellowmoss 100 houses, 1 sheep 2/2 to the left. At 2 m 71/2 commences the ascent of the mountain. At 3 m 8/2 top of ghost. At 4 m 41/2 end of descent, very. At 5 m 4/2 Mountain 6 houses 2 sheep. At 6 m 71/2 Yellowmoss 40 houses. At 8 m 71/2 Yellowmoss 25 houses. At 10 m 21/2 Chased 14, 20 to west, 10 sheep a strength of village. At 12 m 1/2 Across 100 houses, 8 sheep. At 13 m 61/2 Shaggy 100 houses, 4 sheep
		Total		168 51				
		12 March						
The direct route from Belgum to Bunka (middle track) is as follows:-								
Collection at Belgum								
		Belgum Fort Gate to Porewadi	14 45	24 45	Cattle track	Belgum road and walls	2 sheep weekly market on Saturdays	720 houses, water pig ground NE. At 61/2 near Hatched. At 1 m 14/2 Hatched 40 houses. At 1 m 41/2 Old Belgum, 200 to west. At 4 m 7/2 Yellowmoss, 121 houses, 1 sheep. At 5 m 8/2 foot of hill. At 8 m 41/2 top of hill. At 10 m 71/2 top of Yellowmoss. At 12 m 14/2 top of the ghost. At 13 m 21/2 a tank on the left
		Bunka	8 24		Ditto	Bank and walls	From Bunka weekly market on Saturdays	87 houses, water pig ground NE. At 41/2 across the 241/2 river over 100 yards wide, but sandy and very dry. At 2 m 7/2 Across 101 Yellowmoss 20 houses. At 3 m 7/2 Across 30 houses. At 7 m 1/2 Across 101 houses
		Total		32 71				

Authorities.		Name of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles.	Furlongs.				
			Miles.	Furlongs.				
From Belgaum to Beedee, via Kittoor, is as follows:—								
		Belgaum to Kittoor.	...	...	37 4	Made road	.....	.....
		Beedee	9	0 1/2	...	Ditto	.....	.....
		P.			...	Tank, wells, and nulls.	10 shops	.....
		Total.....	...	...	30 4 1/2			
From Belgaum to Hullihal, via Kittoor, is as follows:—								
		Belgaum to Kittoor.	...	...	27 4	.....	.....	.....
		Joadghere	11	3	38 7	Good cart road	.....	.....
		Hullihal	9	1	...	Cattle track	.....	.....
		P.			...	Abundant	.....	.....
		Total.....	...	...	48 0			

General Officer Commanding Belgaum District, Belgaum.		Collector at Belgaum.	From Belgaum to Beedee, via Kittoor, is as follows:—						Vide Table No. 65. 487 houses; encamping ground NE. At 1 m. 7 1/2 f. Drakhoond, 80 houses, 3 shops. At 3 m. 1 1/2 f. Daughlode, 80 houses, 1 shop. At 4 m. 5 1/2 f. Baidoor, 400 houses and 8 shops. At 5 m. 7 1/2 f. Gomet, 80 houses. At 6 m. 7 1/2 f. Gopurhatice, 100 houses. At 8 m. 5 1/2 f. Hindulgoe, 10 houses. Country open and cultivated.
		Collector at Karwar.	From Belgaum to Hullihal, via Kittoor, is as follows:—						Vide Table No. 66. 70 houses; encamping ground NE. At 5 m. 2 1/2 f. Kallowee, 80 houses. A large place. At 1 m. 1/2 f. Kasum-Koties, 40 houses. At 1 m. 7 f. Palkadree, 80 houses. At 3 m. 3 f. Borchode, 80 houses, 3 shops. At 4 m. 6 1/2 f. Motechamrore, 80 houses. At 6 m. 1 1/2 f. Teirgaum, 280 houses, 3 shops. At 7 m. 4 1/2 f. Howghree, 80 houses. At 8 m. 3 1/2 f. Gootekoorah, 10 houses.

TABLE No. 69. (2)

## FROM BELGAUM TO KARWAR, VIA YELLAPOOR, CHINNAPOOR PAGODA, KYGA GHAUT, AND MULLAPOOR.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles.	Furlongs.						
		Miles.	Furlongs.	Miles.	Furlongs.					
General Officer Commanding Belgaum District, Belgaum.		Collector of Canals at Karwar.								
		Belgaum to Yella-poor.	...	...	80	1	Made road .....	.....	.....	vide Table No. 69. (1)
		Tellangpore or Hat-leeguddee.	8	3	88	5	Made road as far as Chinna-poor pagoda, the rest cleared, very bad for carts.	Abundant, from wells and tank.	2 shops	25 houses, encompassing ground good to the north of the village. At 1 m. 5 f. pass Hoolurmanne, 5 houses, 3 shops, 2 wells, and a tank about a furlong to the left of the road. At 2 m. 6 f. commences the Ambay ghant. At 3 m. 6 f. end of ghant. At 5 m. 1 f. Idgoonjee, 20 houses, 5 shops, 4 wells, and a tank. At 5 m. 6 f. Chinna-poor pagoda and tank; the made road to Ankola branches off to the left here.
		Boray .....	12	7	101	4	Very bad cart road.....	Abundant, from nulls and wells.	From neighbouring vil-lages.	15 houses. At 9 m. 7 f. Vejeechullee, 15 houses, 3 wells, and a tank. At 6 m. 2 f. Hootoor-tay, 5 huts. Cross several nulls in this stage. Country covered with thick jungle.
		Carried over.....	...	...	101	4				

Authorities		Name of Village	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Stages	Total				
		Brought over		108 41				
		Malikpore	18 61	118 94	Very bad cart road	Abundant, from tank and wells	10 shops	101 houses on the south bank of the Gudy Nudde river; good occupying ground to the west of the village, a shalva here of a mosque and 8 shops from the Ghata Pahra. At 8 m 7 f Harwar, 6 huts, about 35 f to the right. At 4 m 7 f commences the Kypa Ghast. At 6 m 8 f Kypa, 20 houses and a well. At 8 m 8 f commences the cleared cart road. At 9 m 4 f Mowden, 7 huts and a well. At 11 m 8 f Kacodakur, 16 houses, 1 shop, water from Gudy Nudde, about 4 f to the right. At 13 m 8 f road from Harwar place on left. At 14 m 3 f Head guide, 8 huts, 1 chow, and a wall. At 14 m 7 f Kowagat, 3 huts and 1 shop. Country jungle.
		Kabhar	13 41	122 7	Foot path	Ditto	5 shops	A large village, about 2 f to the right, good occupying ground to the east. At 2 f pass Dargay, 6 huts 1 wall. At 8 m 2 f Beller, 12 houses, 1 well. At 8 m 6 f Kacrodur, 20 houses, 2 shops, 20 wells and 20 tanks. At 8 m 5 f cross a creek 60 yards wide a small boat capable of carrying 8 persons, here. At 8 m 11 f Kargur, 20 houses, 2 shops, 2 wells, 2 well-good occupying ground west of the village. At 9 m 2 f Beller, 20 houses, 2 shops, 10 wells and 1 tank. At 10 m 2 f Kowat, 20 houses, 2 shops, 6 wells and 2 tanks. At 10 m 11 f commences the Daples Ghast. At 11 m 4 f Ghast ends. At 11 m 7 f Harwar, 20 houses, and a well.
		Karwar Bander - N P T	5 5		Foot path for 11 miles, the real good made road	Ditto	Abundant	A large Ghast and civil station, level quarter of the Larner Collection, good occupying ground to the west of the town in two fields. At 6 f pass Dargat, 20 houses 2 shops 1 well, and 2 tanks. At 7 f Beller, 20 houses 2 wells, and 2 tanks. At 1 m 6 f made road from Baplor just on left. At 2 m 1 f made road from Abardhany just on left. At 3 m 2 f Baplor 20 houses, 2 shops, 20 wells and a tank. At 4 m 11 f a shalva and water (the town). At 4 m 8 f road to Baplor, good houses of on right. At 4 m 7 f Post and Telegraph office.
		Total		128 4				
		11 Miles						



TABLE No 70.  
FROM BELGAUM TO KOLAPOOR, VIA NREPANBE.  
GENERAL DESCRIPTION, &c.

Ascendancy		Names of Stages	Distance		Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage	Total				
			Miles Trekking	Miles Trekking				
		Belgaum Fort Main Gate, to District station	10 41	10 41	Good road, chief by rail and road, river and water bridged	Well bed of road, river		41 houses 180 yards to the left, occupying ground 5 on high ground. At 5 m 14/ Yamnapur 23 houses, 1 well At 8 m 14/ Kaptur, 260 houses, 10 shops, and water under hills At 8 m 51/ across the Marand river by bridge At 7 m 2/ Hangan 214 houses, 26 wells, 3 shops At 2 m 1/ Bhandarkul a few houses, with 3 wells At 8 m 2/ Jagadkul, 20 houses Country cultivated
		Hattigra	10 7	21 31	Ditto	Wells and water, 3 shops water always		260 houses in a hollow occupying ground NW of village At 8 m 1/ Bhandarkul, 84 houses 8/ well, 4 shops; water from Gaptur river, travellers bungalow, a camp N, and close to road, or NE of the village is cultivated ground. At 8 m 41/ cross Gaptur river (bridged), Bhandarkul on both banks, 100 yards broad, but large stream. At 7 m 1/ Bhandarkul, 2/ right 20 houses At 8 m 71/ road to Hattigra branches off to the right At 10 m 21/ Bhandarkul 80 houses, whence descent to Hattigra The wells at Hattigra are bridged. Country very hilly the whole way, and covered with low jungle
		Hattigra	8 51	30 11	Made road, and rail road black, covered and water bridged	Wells, water, and the Hattigra river	Abundant, from every Friday	1,500 houses, on the Hattigra river good occupying ground 3 of village At about 3 m past a bridged well, Hattigra 200 yards right Bhandarkul 8 m to the left At 5 m 1/ Chikalgada, 100 houses on the Hattigra, Bhandarkul on both banks Cross at 5 m 1/ by bridge 140 yards broad At 8 m 41/ Hattigra 200 houses and a road At 8 m 6/ Bhandarkul 100 houses, and a travellers bungalow The road to Purna via Yamnapur branches off here At 8 m 21/ cross a bridged well. Country cultivated
		Koyanase B P	13 45	43 36	Ditto	Wells, water, and tanks	Abundant, from river one slope, house on Thursdays & Fridays	1,500 houses, a strong fort, an old palace and a travellers bungalow, good occupying ground 3 Leaving Bhandarkul, cross a branch of the Hattigra, & another branch a few hundred yards further, both bridged At 3 m 21/ pass the hill fort of Wal Jagadul, about 200 yards right of the road, cross several deep valleys here, bridged At 5 m 71/ Kaptur, 2,5 houses, and a road gurdah, 8 wells & 11 small ones, a well with water always, 3 shops At 7 m 1/ a well of good water At 7 m 51/ cross the ascent of the Koyanase ghats At 8 m 14/ the top At 9 m 51/ a well At 10 m 11/ end of descent, almost every Country good & cultivated The village of Law m is at the top of the ghats
		Kaptul (near bridge for on the north side of town) B P	13 74	57 3	Ditto	Abundant, from tanks and wells	Abundant, from tanks and wells	1,500 houses, a fort Bhandarkul, and two bungalows, the property of the Khan, which are always led by travellers at night, occupy on good ground W of Bhandarkul At 8 m 51/ pass Yamnapur, a walled village of 100 houses, with 3 shops, and water from 3 wells, and the Yamnapur river At 4 m 1/ cross river by bridge, 180 yards wide from bank to bank, nearly level At 6 m 2/ Bhandarkul 400 houses, and a small gurdah, 5 shops, and 5 good wells At 13 m 3/ cross the Yamnapur river, bridged, 80 yards from bank to bank, banks black earth, but sandy
		Ordnance over		57 3				

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perkings	Miles	Perkings		
General Officer Commanding Belgium District, Bangalore	Political Agents & M. Country at Kalyanpur	Brought over						
		Kalyanpur B P 2	11	7 1/2				
		Total			80	2 1/2		
		6 Marches						

Note.—Permanent occupying ground is at all the stages.

TABLE No 71

FROM BELGAUM TO KOOMPTA, via HULLIHAI, AND THE ARBYLE GHAT.

GENERAL DISCUSSION, SW

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perkings	Miles	Perkings		
General Officer Commanding Belgium District, Bangalore	Political Agents & M. Country at Kalyanpur	From Belgum to Kalyanpur	7	5	107 05			
		Yongerguote	10	2 1/2	117 35			
		Kalyanpur B P 2	13	4	130 0			
		Total			130 4			
		11 Marches						

Note Table No. 70 (1)

50 houses, and temples. occupy N. At 3 m. 1 f. across with a 1/2 water up 1 mile. At 3 m. 4 f. Hukki 80 houses 6 temples, 1 shop water from well and milk; occupy 11 or 12 m. At 4 m. 4 f. with water. At 4 m. 6 f. Gungavale river 400 yards broad, strong bed, water all the year; 8 boats for crossing the river. At 5 m. 8 f. water with many boats, and at 7 m. 3 f. another

100 houses 10 temples, occupy N.E. At 3 m. 1 f. across with a 1/2 water up 1 mile. At 3 m. 6 f. Gungavale, 80 houses 13 temples, 4 shops a travellers bungalow 3 wells, and a tank. At 4 m. 1 f. were Bhandarkere wells 120 yards broad, and at 5 m. 4 f. another wells both with clean good supply of water. At 5 m. 6 f. Marde 16 houses 3 temples 1 shop, water from wells. At 6 m. 6 f. Karde 80 houses, 3 wells tank, and milk. occupy NW. At 6 m. 7 1/2 f. Bhandarkere wells, with water

Large open travellers bungalow. Post & Telegraph office occupy NW and SW, 12 shops. Over 3 wells at 1 m. 7 f., 2 m. 5 f. and 3 m. 7 f. all with excellent supplies of water. At 3 m. 8 f. near Karghe, 80 houses 4 temples, 10 shops, 8 wells and a tank, occupying ground R. At 3 m. 2 f. Karamkhalles wells. At 4 m. 3 f. Marde 100 houses, 8 temples and travellers bungalow, water from 10 wells and 3 tanks; occupy SE. and NW. river is, across the Marde near the 8 f. broad, by boat, to Yengree at 8 m. 1 f. 800 houses, 16 shops, and 40 wells on camp NW. At 10 m. 1 f. and branches off to Karghe

TABLE No. 72. (1)

## FROM BELGAUM TO MALWAN, BY THE PARPOLN GHAT.

GENERAL DIRECTION, W to E

Authorities		Names of Stages	Distances				Road and Rail.	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding Belgaum District, Belgaum	Collector at Belgaum	Belgaum (Fort Gate) to Bhatwade.	3	2	3	2	Good made road, river bridge and culverts bridged, rail road.	Wells	None	A small village, encompassing ground good, on the N side of the road. At 2 m. S of pass Handalgia, 80 houses, water from wells, no supplies. At 4 m. S of cross Kumbhale wells, 10 yards broad, banks low, bed muddy. At 4 m. S of Bhatwade, 80 houses, water from wells, no supplies. At 6 m. S of cross Marikawade river, 85 yards broad, banks high, bed muddy. At 8 m. S of Chorghana, 100 houses, 1 shop, water from wells and wells. At 6 m. S of Chorghana, 30 houses, water from wells and a spring in the bed of a well; country open and cultivated.
		Datki	10	5 1/2	13	0 1/2	Ditto	Wells & Kumbhale river	None	100 houses, encompassing ground good on the S side of the road. At 2 1/2 m. S of pass Handalgia, 20 houses, water from wells, no supplies. At 3 m. S of Marikawade Kumbhale Wells, 10 houses, no supplies, water from wells. The village of Kumbhale is at about 6 f to the SW of this place. At 8 m. S of Bhatwade, 10 houses, water from wells, no supplies. At 4 m. S of Kumbhale Wells, 8 houses, water from wells and wells. The village of Kumbhale is at about 6 f to the SW of this place. At 5 m. S of cross Kumbhale river, 15 yards broad, banks high, bed muddy. At 6 m. S of Kumbhale 12 houses, water from wells and wells, no supplies. At 7 m. S of Marikawade Wells, 20 houses, water from wells, no supplies. At 8 m. S of 1 1/2 m. S of cross Kumbhale river, 80 yards broad, bed stony, banks high. At 8 m. S of pass Handalgia, 80 houses, water from wells, no supplies, Kumbhale's well, gulch. At 5 m. S of Kumbhale, 5 houses, water from wells, no supplies, country open and cultivated.
		Kanore (small)	11	5	14	0 1/2	Ditto	Water from Ghat police river	None	15 houses, encompassing ground good on high ground on both sides of the road, 200 yards N of the village. At 1 1/2 m. S of cross wells, 10 yards broad, bed muddy. At 3 1/2 m. S of Bhatwade, 8 houses, water from Kumbhale river, no supplies. At 1 m. S of Kumbhale, 80 houses, water and supplies as above. At 2 m. S of Kumbhale, 5 houses, water from wells, no supplies. At 3 m. S of Kumbhale, 60 houses, water from wells and wells, no supplies. At 5 m. S of 1 1/2 m. S of cross wells, 15 yards broad, bed muddy, banks low. At 3 m. S of 1 1/2 m. S of Marikawade, 40 houses, no supplies, water from wells. At 4 m. S of 1 1/2 m. S of Marikawade, 80 houses, water from wells, no supplies. At 4 m. S of 1 1/2 m. S of Marikawade, 10 houses, water and supplies as above. At 6 m. S of 1 1/2 m. S of cross wells, 10 yards broad, bed muddy, banks high. At 8 m. S of 1 1/2 m. S of Marikawade 3 f to the right, 60 houses, water from wells, no supplies. At 7 m. S of 1 1/2 m. S of Marikawade, small village. At 8 m. S of 1 1/2 m. S of Marikawade, small village. At 11 m. S of 1 1/2 m. S of Marikawade, 20 houses, water from wells, no supplies. At 11 m. S of 1 1/2 m. S of cross Marikawade river, 80 yards broad, bed stony, banks high, country cultivated and covered with this jungle.
		Gazered over			80	5 1/2				

Location.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Packdays.				
Political Agent, Southern Mahratta (see Chapter, 4) Kolhapur.		Brought over...	—	30	51			
		Ambales R.	18	51	51			
Political Agent, Southern Mahratta (see Chapter, 4) Kolhapur.		Dumale R.	10	51	54	01		
		Aldama R.	18	51	60	74		
		Kabur	0	51	70	4		
		Maham, Munsifdar's khatyari. R.	18	51	...	...		
Total			...	52	51			
8 Mahratta.								
General Officer Commanding Madras District, Bangalore.		Political Agent, Southern Mahratta (see Chapter, 4) Kolhapur.						
		Political Agent, Southern Mahratta (see Chapter, 4) Kolhapur.						
General Officer Commanding Madras District, Bangalore.		Political Agent, Southern Mahratta (see Chapter, 4) Kolhapur.						
		Political Agent, Southern Mahratta (see Chapter, 4) Kolhapur.						

NOTE.—Passenger carrying 37 mules at Kishore, Datta, Kinner, Ambales, Dumale, and Aldama.

TABLE No. 72 (2)

## FROM BELGAUM TO MALWAN, BY THE RAM GHAT.

GENERAL COLLECTION, W. &amp; N.

Authenticity		Names of Stages.	Distances		Road and Soil	Water	Supplies.	Remarks	
			Stage	Total					
Military	Civil		Miles.	Fathoms.					Miles
General Officer Commanding Belgaum District, Belgaum		Belgaum Fort to Belgaum	8 8	80 0	Made road	Wells and river	1 shops	Table No. 66	
						The whole of this road has been made by pioneers, and most of the dependent bullocks are poked; it is over a very uninteresting country, and generally in very good order.			160 houses, about 4 f. to the right of the river, on the Tiber river, swamp between the road and river in good ground, (about) rather low, with few trees. At 8 m. 8 f. from Belgaum, at the foot of the Tiber plain. The drainage of the plain is steep, and ascending it is necessary to employ several pairs of oxen bullocks. The Tiber river, which is crossed at 0 m. 7 f., is seldom fordable before November, but rarely breaks low, water always very rocky bed and deep till February. A canoe, plus facing the sun. Country very pretty.
		Belgaum	8 8	67 1	Ditto	Wells, river, and	Moderate	Good village, swampy near the wells, is good ground, a few troops going down, on a track, ground left of the road, and 3 of the wells, but continued country to before At 0 f. from Belgaum no supply but At 3 m. 3 f. Belgaum, good village with wells, wells, and a travellers' bungalow. The wells are and both in the road, country very good road but dry. At 8 m. 7 f. from the Tiber river by a rocky trail in the sun weather, or once in the moon, to near houses, 4 shops and river.	
		Belgaum	10 2	57 3	The whole of this road is made and is generally in good order, the days and nights are most of them paved.	Wells and river	Abundant, 12 shops	A large village, with several fine, broad Post Office and travellers' bungalows, on the Tiber river, which is affected by the tide and is quite at high water. Belgaum is low water but not in the season, when it is crossed by oxen, good mangrove ground on the W. side of the road, or on the E. of the village of Belgaum. At 3 m. 4 f. from Belgaum across the Tiber river, fordable generally in November, a canoe in the river. Country very pretty hilly and rugged, on approaching Belgaum it is more open.	
		Belgaum	8 0	01 1	Ditto	Abundant wells.	From a few shops	Good village. A made cart road branches off from this to Belgaum, which is about 6 m. distant.	
Colonel at Belgaum		Belgaum	13 7 1/2	78 0 1/2	A cart road, but not in good repair.	Wells and wells	None	100 houses. At 3 m. 14 f. from Belgaum pass Kumbhar, 60 houses, wells, but no supplies. At 4 m. 4 f. Belgaum, a few huts. At 5 m. 8 f. Belgaum, 180 houses, wells, and wells. At 6 m. 3 f. Belgaum or Belgaum, wells, and wells. At 6 m. 3 f. Belgaum or Belgaum, wells, and wells. At 11 m. 1 f. from Belgaum there are all scattered villages, without supplies. Cart road from Belgaum to Belgaum.	
		Belgaum	16 2 1/2	95 2 1/2	Belgaum	Abundant	Abundant	Belgaum is a large town on the sea coast, much scattered, and surrounded by groves of coconut trees. Post Office. The landing place is sandy and the harbour surrounded by rocks, which render it difficult of access to boats above 400 fathoms. The bay is formed by the beach, scattered rocks, and the first of Belgaum. Over a large river or creek, 200 yards wide, but sandy and muddy. 2) Belgaum at low water, unfordable at other times, when a boat flies to Belgaum, 180 houses, at 3 m. 2 f. At 8 m. 4 f. Belgaum, 200 houses, wells, and a good bank. Over Belgaum wells by a wooden bridge, a deep ravine, 12 yards deep to Belgaum at 7 m. 8 f. At 13 m. 4 f. top of Belgaum. At 14 m. 2 f. end of Belgaum. At 16 m. 4 f. enter the town of Belgaum.	
		Total		95 2 1/2					
		9 March							

TABLE No. 73.

FROM BELGAUM TO POONA, BY GOTOOR, CHIKORBE, KAGWAR, TABGAUM,  
AND POOSASOWLER.  
GENERAL DIRECTION, S.W.

Authenticity		Name of Stage	Distance		Road and Rail.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Miles				
General Officer Commanding Belgaum District, Belgaum		Belgaum Fort to Gotoor.	18	18	18			See Table No. 70
		Gotoor	18	36	36	18	18	180 houses, mostly K. At 8 m. 1/2 Chikorbe 100 houses, on the Belgaum river which cross by a bridge. At 8 m. 1/2 Gotoor, 180 houses, and Chikorbe 180 houses. Made road to Chikorbe because of the left. At 7 m. 1/2 Gotoor, 180 houses. At 6 m. 1/2 Gotoor, 180 houses. At 5 m. 1/2 Gotoor, 180 houses. At 4 m. 1/2 Gotoor, 180 houses. At 3 m. 1/2 Gotoor, 180 houses. At 2 m. 1/2 Gotoor, 180 houses. At 1 m. 1/2 Gotoor, 180 houses. At 0 m. 1/2 Gotoor, 180 houses.
		Chikorbe	18	54	54	18	18	180 houses, a small river, a bridge for travellers, and Chikorbe, on a plain SW. W. or S. At 9 m. 1/2 Gotoor, 180 houses. At 8 m. 1/2 Gotoor, 180 houses. At 7 m. 1/2 Gotoor, 180 houses. At 6 m. 1/2 Gotoor, 180 houses. At 5 m. 1/2 Gotoor, 180 houses. At 4 m. 1/2 Gotoor, 180 houses. At 3 m. 1/2 Gotoor, 180 houses. At 2 m. 1/2 Gotoor, 180 houses. At 1 m. 1/2 Gotoor, 180 houses. At 0 m. 1/2 Gotoor, 180 houses.
		Kagwar	11	65	65	11	11	180 houses and a Chikorbe, on the S. bank of the Krishna, on a plain SW. W. or S. At 9 m. 1/2 Gotoor, 180 houses. At 8 m. 1/2 Gotoor, 180 houses. At 7 m. 1/2 Gotoor, 180 houses. At 6 m. 1/2 Gotoor, 180 houses. At 5 m. 1/2 Gotoor, 180 houses. At 4 m. 1/2 Gotoor, 180 houses. At 3 m. 1/2 Gotoor, 180 houses. At 2 m. 1/2 Gotoor, 180 houses. At 1 m. 1/2 Gotoor, 180 houses. At 0 m. 1/2 Gotoor, 180 houses.
		Tabgaum	12	77	77	12	12	180 houses, a Chikorbe, and a small river, a bridge for travellers, and Chikorbe, on a plain SW. W. or S. At 9 m. 1/2 Gotoor, 180 houses. At 8 m. 1/2 Gotoor, 180 houses. At 7 m. 1/2 Gotoor, 180 houses. At 6 m. 1/2 Gotoor, 180 houses. At 5 m. 1/2 Gotoor, 180 houses. At 4 m. 1/2 Gotoor, 180 houses. At 3 m. 1/2 Gotoor, 180 houses. At 2 m. 1/2 Gotoor, 180 houses. At 1 m. 1/2 Gotoor, 180 houses. At 0 m. 1/2 Gotoor, 180 houses.
General Officer Commanding Poona District, Poona		Poona	11	88	88	11	11	180 houses, a Chikorbe, and a small river, a bridge for travellers, and Chikorbe, on a plain SW. W. or S. At 9 m. 1/2 Gotoor, 180 houses. At 8 m. 1/2 Gotoor, 180 houses. At 7 m. 1/2 Gotoor, 180 houses. At 6 m. 1/2 Gotoor, 180 houses. At 5 m. 1/2 Gotoor, 180 houses. At 4 m. 1/2 Gotoor, 180 houses. At 3 m. 1/2 Gotoor, 180 houses. At 2 m. 1/2 Gotoor, 180 houses. At 1 m. 1/2 Gotoor, 180 houses. At 0 m. 1/2 Gotoor, 180 houses.
		Poosasowler	8	96	96	8	8	180 houses, a Chikorbe, and a small river, a bridge for travellers, and Chikorbe, on a plain SW. W. or S. At 9 m. 1/2 Gotoor, 180 houses. At 8 m. 1/2 Gotoor, 180 houses. At 7 m. 1/2 Gotoor, 180 houses. At 6 m. 1/2 Gotoor, 180 houses. At 5 m. 1/2 Gotoor, 180 houses. At 4 m. 1/2 Gotoor, 180 houses. At 3 m. 1/2 Gotoor, 180 houses. At 2 m. 1/2 Gotoor, 180 houses. At 1 m. 1/2 Gotoor, 180 houses. At 0 m. 1/2 Gotoor, 180 houses.
		Decided area		98	98			

Authorities		Means of Transport	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Paras	Miles	Paras		
General Officer Commanding Forces, Divisional Forces.								
Collector at Bellary.								
		Brought over		80 81				
		Kannayoor	18 1	116 41	Moore's road, with black sandy	Yalla with water all the year, and wells	shop	200 houses, good and large surrounding ground W, also S. At 7 m 1/2 f. Kannayoor, 100 houses. At 8 m 51 f. houses with well out in the same. At 12 m 3 paras. 200 houses, 10 shops, wells, and a small travel here. Kannayoor. At 14 m 11 f. some steep wells, and at 15 m. Challa. Kannayoor. 200 houses, 3 shops, and wells. Country a plain with cultivation in hollows.
		Pannayoor	11 51	127 2	As above, soil mostly red, and very stony	Good, from Kannayoor with a well in the hollow (distance from the surrounding ground)	abundant, 2000 shops and a small village in the hollows	200 houses, surrounding ground high, on red soil, both S and W. a small travellers' bungalow. At 8 m 1/2 f. Kollavoor, 90 houses. At 4 m 6 f. Kollavoor, 78 houses. At 7 m. Kollavoor. 180 houses. 3 shops. At 10 m. S. Gannayoor, 100 houses. Cross several wells. The Kollavoor river runs on the right from Kannayoor.
		Way	10 61	137 81	Charred, good road made over the Ma-ve plant	Abundant, from 100 wells and wells in the cold weather	Modavoor shops.	20 houses and a small village with four trees. At 2 m. yara. Kannayoor, 180 houses. 7 wells. At 3 m. Warras, 78 houses, and a well. At 4 m. S. Pannayoor right of road, 100 houses, and 8 wells. At 5 m. S. f. surrounding ground of 3 houses plant, and at 6 m. 1 f. wells and cultivation at the foot, demand may. At 6 m. 21 f. Kollavoor. At 7 m. S. f. Kollavoor. 180 houses. 3 shops, 4 wells. At 7 m. 71 f. a charred road (distance off to Bellary by Kollavoor) near a well and well of good water. (One enormous well on the march, with water during the cold season.)
		Jalgaon	18 41	155 91	Charred road	Abundant, from 5 wells and Warras river	Stony, 8 shops	118 houses, country open and cultivated. At 2 m. S. f. yara. Kannayoor. 180 houses. 1 shop. 8 wells. At 4 m. S. f. yara, 90 houses, 3 shops, 12 wells. At 4 m. 7 f. just a well of good water. At 8 m. 6 f., at Kollavoor, a branch of the main road to Bellary and Kollavoor. At 10 m. S. f. Kollavoor. 100 houses, 4 shops, and 8 wells. At 8 m. 7 f. a well of good water. At 9 m. 1 f. Kollavoor, 200 houses, 6 wells and a well with water the whole year, made road from Bellary to Pannayoor crosses at this village, and again at 10 m. S. f. At 12 m. 4 f. some large wells. At 11 m. 14 f. Kollavoor, 100 houses and cross Warras river close to Jalgaon, but sandy, very hot.
		Dassur	8 51	163 11	Delto	Wells, and Warras river	Modavoor	120 houses, and travellers' bungalow, good high, and open surrounding ground. At 61 f. cross Warras river, 80 yards broad, low banks very flat. At 4 m. Kollavoor, 20 houses with a well. At 5 m. 41 f. Pannayoor, 80 houses and a shop, water abundant from Warras river. At 7 m. 1 f. road joins the Pannayoor and Bellary main road.
		Wells	8 0	171 11	Good made road, but steep in parts	From a well, which maintains flow in the hot weather.	Limited, 1 shop	A small village, good, open surrounding ground. At above 8 m. the top of the Wells plant, which descended all the way to Wells, parts of it very steep, some four miles. Country rugged and stony.
		Warras Bridge (name)	10 4	179 51	Good made road	Abundant, from the Warras river and a well.	Limited, 4 shops.	A small village and travellers' bungalow, close to the old bridge, surrounding ground good on the W bank. Extract from a report from Captain Burdett, American Collector at Bellary, April 1884:—"About one mile N of Warras bridge, i.e. down the river, there is an island on the river bed, about 1,200 yards long by 400 broad, covered with low trees, but with little or no undergrowth of jungle. Some country roads lead to it from the Pannayoor and Bellary main roads. A small village can be obtained from Bellary. The road village is a house 1 mile to the left of the river on either side of the island. The island is the first narrow, very small and
		Carried over		179 51				

Authority as		Name of Bridge	Distance				Kind and Soil	Water	Shipples	Remarks					
Military	Civil		Mileage		Total										
			Miles.	Furlongs	Miles.	Furlongs									
		Brought over			17	81									
		Jaspore B P	14	8	180	74	Good made road with bridges over on the delisting country	Abundant, from tanks and wells.	Abundant, from tanks and wells.	Small hill at town with a thernam in the middle. 1 mile and a half. A small temple on a hill at which there is an annual fair; good market; good 200 yards among the trees. At 7 m 2/2 from the town 200 houses. 12 at one mile and a half. At 8 m 2/2 from 60 houses. At 11 m 4/4 from the town a small hill.					
		Banwar B P	8	8	800	51	Ditto	Abundant, from river and wells.	Abundant, from large tanks.	A small town on the left bank of the river; an old palace outside is used by the rulers; good camping ground in a few acres of trees. From the town road to Banwar, leads steep and muddy.					
		Warkhe	8	01	800	53	Ditto. The ground is very soft.	Wells, water good; shops and plenty of water here.		Small village below it; the road is steep; good camping ground in a few acres of trees. From the town road to Banwar, leads steep and muddy.					
		Poon, Government Church P T	8	2			Made and bridged.			At 4 m 1/2 from Poon on the road to Banwar, leads steep and muddy; good camping ground in a few acres of trees. From the town road to Banwar, leads steep and muddy.					
		Total 20 Marches			115	81									
The direct line from Jaspore to Poon, avoiding Banwar, is as follows —															
		To Jaspore as above Kulhachavare	14	81	180	74	Good made road and partly bridged.	Wells		A few houses.					
		Warkhe	8	8	800	51	Ditto								
		Poon	8	2			Good made and bridged.			As above.					
		Total			117	81									
The old road from Jaspore to Poon, by Banwar and the Banwar Ghent, is as follows —															
		To Banwar (as above) Banwar	7	8	800	41	Made road but not kept in repair.	Wells, tanks, and water.		20 houses; good camping ground good, but low. 200 yards W. At 8 m 4/4 from Banwar, 18 houses, 2 shops. At 6 m 1/2 from Banwar, 18 houses, 2 shops; good water and a fine pasture for camping. At 5 m 8/8 from Banwar, 20 houses; country open and cultivated.					
		Poon, Government Church P T	9	8			Ditto	Abundant	Abundant	At 5 m an annual fair is held on the summit of the Banwar Ghent, and at 6 m 8/8 the foot of the Ghent; there is a row of 200 and dozens of 200 houses very steep, and some require an extra year of cultivation for the season. At 11 m 8/8 from Banwar, 40 houses.					
		Total 20 Marches			117	81									

The greater part of the road from Johnson to Pecos has been cleared and is good in the winter. There is a more direct line than the above by Kilsheimer and Hettler, and the road made and improved, as follows:

Belgium to Kokspeer	24	5	<i>vide Table IV, 70</i> <hr/> <i>-----172</i> <hr/> <i>-----240</i>
Kokspeer to Belgium	24	2	
Belgium to Peruca	16	4	
	27	6	
<b>Total</b>	<b>83</b>	<b>25</b>	<i>19 Marches</i>



TABLE No. 74 (1)

## FROM BELGAUM TO RAIREM, BY THE PARPOLLE GHAUT AND VINGORLA.

GENERAL DIRECTION W BY E

Authorities		Name of Stage.	Distance.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Parangs				
General Officer Commanding Belgaum District Belgaum.	Officer at Rattapahery	Belgaum to Aldrowe	00	71	Made road			See Table No. 73 (1)
		Vingorla near Factory B P T	10 14	77 04	Do	Abundant	Abundant	A town with travellers' bungalow, Post and Telegraph office. At 6 1/2 from Belgaum 7 houses; water from well, no supplies. At 1 m 4/2 houses, 8 houses; water and supplies are above. At 1 m 5/2 Add; 1 m 2 1/2 houses; supplies and water at above. At 5 m 7 1/2 m 8 8 houses; water from well. 4 shops. Pass through the town of Vingorla by the street to the travellers' bungalow. The bungalow is 1 1/2 m further on and is approached by a good made road, there is a sleeping but difficult looking place; and on the bungalow there is a crane for stringing horses heavy baggage &c. Passengers of 250 mules can be done alongside water the crane far about six hours during high tide, smaller passengers can remain longer; Passengers come in to within three quarters of a mile of the bungalow head. The bungalow is small and is open to the full force of the south west gale. Elephants cannot pass, and bullocks can be led at Vingorla, and generally carts in moderation.
		At mile of creek on the Fort at Raurem.	8 07		This is a very good horse and cattle road and possible for carts the greater part of the way but the rough places near Koonim Talah and the creek are obstacles to wheeled carriages. The passage by water is generally preferred, which consists with tide in force, about three hours.	Abundant, from trade and trade.	Moderate	Two small islands bridged, to Ochochanda, at 7 1/2, straggling village extending for a mile and a half containing about 87 houses, and numerous wells. The road then crosses a small plain with steep ascent and descent to Maheon Mahor at 4 m 4/2 a straggling village of 80 houses a small distance, 1 m 4 1/2 shops on a local creek which is crossed by a bridge at low and by canoe at high water. At 5 m 2/2 are two villages of 250 houses and temples, extending for upwards of 2 m, whereas the road passes through part of the Barwar's boundaries to the creek, which is crossed by cranes, and is not fordable. The creek is broad, and is a fort on a hill on the S bank at several hundred yards distance. There are several wells or ponds within the Arwaha boundary crossed by stone bridges, and a long stone embankment across a patch of rice cultivation. Both are run close to the fort and land men or baggage on a dry beach.
		Total	00	71				
		8 Miles						

Notes.—From Raurem there is a road, the first two miles a path, afterwards a broad road to Koonim, a Portuguese village at the mouth of the creek. The village is long and straggling with a small fort overlooking the entrance of the creek. A good and well sheltered looking place on the bank. The road passes the Koonim tank, which is supplied by springs and retains water all the year.

TABLE No 74.(2)

## FROM BELGAUM TO RAIRHE, BY THE RAM GHAUT.

GENERAL DIRECTION, W to E

Authorisation.		Name of Stage	Distances.		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Ministry	Officer		Miles	Perchages	Miles	Perchages				
General Officer Commanding Belgaum District, Belgaum	Political Superintendent at Belgaum	Belgaum Fort to Raichur			84	1	Muddy road		Refer Table No. 73 (3)	
			11	0	73	9	Leaving Belgaum, the road is hilly and rocky, with rice fields; near Aggaon the soil becomes rocky, and near Raichur sandy	Wells	Traps, but no other supplies.	
	Collector at Belgaum	Raichur	2	4			Gravel road near the river, passing by two small ponds	Wells, and a tank near village	Moderate	A good village, with a strong wall built, and well placed fort, on the bank of a small river, near its confluence with the main canal. The houses are about a quarter of a mile inland. The landing place is muddy and communicated by the fort; the village is a mile to the S. The right bank of the river is at 1 m 3/100 from Raichur and is covered at the end of the stage. Near the Vengurli local gas runs on along close to the fort, and land men or baggage on a dry bank.
		Total			75	5				
		3 Marches.								

Note.—This is a more reliable track from Belgaum, and would not be a good route for troops, excepting on emergency, or when marching without arms.

TABLE No 75 (1)

FROM BELGAUM TO BUTNAGHERRY, VIA NEEPANEE AND THE PHONDA GHAUT

GENERAL DIRECTION NW

Authorisation		Name of Stage.	Distance		Road and Soil	Water	Remarks
Military	Civil		Stage	Total			
			Miles	Miles			
			Per stage	Per stage			
General Officer Commanding Belgaum District, Belgaum	Tributary Agent at Belgaum	Belgaum Fort 1 m. Gala to Mangapur	18 7	44 21	Wide road		See Table No 70
		Mangapur	18 7	62 21	Good narrow road without bridges or drains	100 slopes, marked on Bundara	The village lies about 1 mile to the left of the road 800 yards encompassing ground on the left on the bank of the Venganga river At 2 m 13 f Gulkarwarde Karne, 80 houses At 3 m 61 f Mangapur, 80 houses At 4 m 41 f cross the Chikata river, 60 yards wide bed sandy, banks muddy, but not difficult for carts. At 4 m 54 f Khedwarwarde 800 houses 1 dharmashala At 5 m 1 f Banga 80 houses At 6 m 4 f Koorakha, 180 houses At 9 m 51 f Koorakha 25 houses At 11 m 4 f Banga, 200 houses, 3 shops At 12 m 51 f cross hills to Bundar warde, 40 houses. Country open and cultivated
		Khojga-dhara warde near Walewar.	14 8	76 31	Do	Water from Khojga-dhara river and tanks	10 houses; encompassing ground good. At 10 yards cross the Venganga river, 50 yards wide banks high bed sandy and stony but not difficult for carts a boat capable of carrying 80 men at the rate. At 11 f Koorakha 80 houses At 12 m 41 f Banga warde 80 houses At 3 m 51 f Banga, 200 houses, 15 shops At 4 m 71 f cross the Venganga river, 110 yards wide banks low bed sandy, not difficult for carts a boat capable of carrying 30 men during the rains At 5 m 41 f Mowar warde, 15 houses At 6 m 11 f Koorakha, 80 houses At 7 m 71 f Koorakha 10 houses At 8 m 51 f Belgaumkar 80 houses and 8 shops the scene of the Gytha killed our men here At 10 m 8 f top of the hill At 11 m 41 f top of the Mangro hill then descend 51 f, not difficult for carts country open and cultivated as far as Belgaumkar, thence hilly and rocky
		Dhulepur	10 0	86 31	Do	Water from Khojga-dhara river	13 houses dharmashala 75 havelis a traveller's bungalow; encompassing ground V of the house At 1 m 41 f Topwarde 14 houses At 1 m 51 f cross hills 20 yards wide bed sandy and stony, delay of 3 days after heavy rain. At 2 m 71 f Warde 25 houses At 4 m 51 f Topwarde, 15 houses At 5 m 2 f Mowarwarde warde, 20 houses and cross a mulla 25 yards wide, delay of some hours after heavy rain At 6 m 71 f cross the Mangroth river (bridged) Country hilly and rocky
		Phonda Bazar, the venous of Phonda mla.	8 51	94 41	Good roads and	10 m 51 f and river	17 houses and a Government dharmashala encompassing ground 8 m 51 f the Phonda and a large wall At 1 m 31 f top of Phonda ghaut At 2 m 71 f and a plain; descent very At 3 m 51 f Phonda village 800 houses about 3 f to the right At 4 m 11 f Phonda warde, 101 houses 1 shop At 5 m 41 f cross the Phonda river (bridged)
		Carried over		92 41			

Authority		Name of Station	Dates on		Road and Rail	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Percentage				
		Brought over		80 41				
		Panab	8	100 41	Good made road with and bridges to stream	Water from the same place river		20 houses; occupying good 8 on bank of the river. At 1 m. S/ made road to village branches off to the left. At 1.5 m. S/ W guyra, 40 houses 4 wells, milk, and a good flourmill for charcoal. At 2 m. S/ a temple. At 3 m. S/ Panab, 20 houses. Water from wells. Country open
		Kanayapattinam	18	118 41	Dist	Water from wells 20 stages and Kanayapattinam river		400 houses, 1 flourmill; occupying ground open and good to the left of the road and E. of the village. At 1/2 m. across the Panab river, 70 yards wide low water, but steep and not difficult for carts; delivery of an hour after heavy rain. At 1/2 m. a few huts. At 2 m. S/ Kanab, 40 houses, 20 wells- no supplies. At 3 m. S/ the road to Vi- gala branches off to the left. At 4 m. S/ across milk, 20 yards wide, very be- cause. At 6 m. S/ Turala 200 houses, 1 shop, 8 wells and wells. At 7 m. S/ the house, 10 houses, 20 wells, no supply. At 8 m. S/ across milk, 10 yards wide, water good. At 9 m. S/ Wuyana, 20 houses 1 shop 8 wells. At 9 m. S/ Adama close behind summit of S. hills, way for carts. At 10 m. S/ Turala, 20 houses, 8 shops, no supplies. Country hilly and covered with low jungle
			11	129 41	Dist	Water from wells Alambadi and the Panab the river		A large village, about 1,000 houses on the Panab river. 3 flourmills occupying ground good 1/2 of the village is a large travert. At 1/2 m. across the Alambadi river, 180 yards wide banks low and steep, beds of low water, beds of about 40 meters are some upstream of the banks at low water, the trading place is good; a ferry boat in the river outside of survey 8 m. At 1/2 m. across Kanab the Lalad. At 3 m. S/ Panab, 40 houses, water from wells. At 4 m. S/ Kanab, 20 houses, 10 wells, no supplies. At 5 m. S/ Kanab, 20 houses, water from wells no supplies. At 6 m. S/ top of the head village (Khan) (houses drained to the vil- lage of houses at 11 m. S/ 40 houses 6 wells, no supplies. At 11 m. S/ across the Lalad or Kanab river, 180 yards wide, banks low, but nearly a good bridge and trading place. Beds of about 30 m. and some up to the banks at high water; not suitable for carts. A ferry boat outside of carrying 10 men to the river. Country hilly, and covered with low jungle
		Observations on the right bank of the Kannabadi river	18	129 1/2	Made road with over all the river			Thousand; good occupying ground water 1/2 At 1/2 m. S/ Kanab and road to the Lalad (Khan) branches off to the right. At 1 m. S/ top of Kanab the Lalad. At 1 m. S/ Kanab, 40 houses, water from wells. At 2 m. S/ Kanab, 20 houses, 10 wells, no supplies. At 3 m. S/ Kanab, 20 houses, water from wells no supplies. At 4 m. S/ Kanab, 20 houses, water from wells. At 5 m. S/ Kanab, 20 houses, water from wells. At 6 m. S/ Kanab, 20 houses, water from wells. At 7 m. S/ Kanab, 20 houses, water from wells. At 8 m. S/ Kanab, 20 houses, water from wells. At 9 m. S/ Kanab, 20 houses, water from wells. At 10 m. S/ Kanab, 20 houses, water from wells. At 11 m. S/ Kanab, 20 houses, water from wells. At 12 m. S/ Kanab, 20 houses, water from wells. At 13 m. S/ Kanab, 20 houses, water from wells. At 14 m. S/ Kanab, 20 houses, water from wells. At 15 m. S/ Kanab, 20 houses, water from wells. At 16 m. S/ Kanab, 20 houses, water from wells. At 17 m. S/ Kanab, 20 houses, water from wells. At 18 m. S/ Kanab, 20 houses, water from wells. At 19 m. S/ Kanab, 20 houses, water from wells. At 20 m. S/ Kanab, 20 houses, water from wells. At 21 m. S/ Kanab, 20 houses, water from wells. At 22 m. S/ Kanab, 20 houses, water from wells. At 23 m. S/ Kanab, 20 houses, water from wells. At 24 m. S/ Kanab, 20 houses, water from wells. At 25 m. S/ Kanab, 20 houses, water from wells. At 26 m. S/ Kanab, 20 houses, water from wells. At 27 m. S/ Kanab, 20 houses, water from wells. At 28 m. S/ Kanab, 20 houses, water from wells. At 29 m. S/ Kanab, 20 houses, water from wells. At 30 m. S/ Kanab, 20 houses, water from wells. At 31 m. S/ Kanab, 20 houses, water from wells. At 32 m. S/ Kanab, 20 houses, water from wells. At 33 m. S/ Kanab, 20 houses, water from wells. At 34 m. S/ Kanab, 20 houses, water from wells. At 35 m. S/ Kanab, 20 houses, water from wells. At 36 m. S/ Kanab, 20 houses, water from wells. At 37 m. S/ Kanab, 20 houses, water from wells. At 38 m. S/ Kanab, 20 houses, water from wells. At 39 m. S/ Kanab, 20 houses, water from wells. At 40 m. S/ Kanab, 20 houses, water from wells. At 41 m. S/ Kanab, 20 houses, water from wells. At 42 m. S/ Kanab, 20 houses, water from wells. At 43 m. S/ Kanab, 20 houses, water from wells. At 44 m. S/ Kanab, 20 houses, water from wells. At 45 m. S/ Kanab, 20 houses, water from wells. At 46 m. S/ Kanab, 20 houses, water from wells. At 47 m. S/ Kanab, 20 houses, water from wells. At 48 m. S/ Kanab, 20 houses, water from wells. At 49 m. S/ Kanab, 20 houses, water from wells. At 50 m. S/ Kanab, 20 houses, water from wells. At 51 m. S/ Kanab, 20 houses, water from wells. At 52 m. S/ Kanab, 20 houses, water from wells. At 53 m. S/ Kanab, 20 houses, water from wells. At 54 m. S/ Kanab, 20 houses, water from wells. At 55 m. S/ Kanab, 20 houses, water from wells. At 56 m. S/ Kanab, 20 houses, water from wells. At 57 m. S/ Kanab, 20 houses, water from wells. At 58 m. S/ Kanab, 20 houses, water from wells. At 59 m. S/ Kanab, 20 houses, water from wells. At 60 m. S/ Kanab, 20 houses, water from wells. At 61 m. S/ Kanab, 20 houses, water from wells. At 62 m. S/ Kanab, 20 houses, water from wells. At 63 m. S/ Kanab, 20 houses, water from wells. At 64 m. S/ Kanab, 20 houses, water from wells. At 65 m. S/ Kanab, 20 houses, water from wells. At 66 m. S/ Kanab, 20 houses, water from wells. At 67 m. S/ Kanab, 20 houses, water from wells. At 68 m. S/ Kanab, 20 houses, water from wells. At 69 m. S/ Kanab, 20 houses, water from wells. At 70 m. S/ Kanab, 20 houses, water from wells. At 71 m. S/ Kanab, 20 houses, water from wells. At 72 m. S/ Kanab, 20 houses, water from wells. At 73 m. S/ Kanab, 20 houses, water from wells. At 74 m. S/ Kanab, 20 houses, water from wells. At 75 m. S/ Kanab, 20 houses, water from wells. At 76 m. S/ Kanab, 20 houses, water from wells. At 77 m. S/ Kanab, 20 houses, water from wells. At 78 m. S/ Kanab, 20 houses, water from wells. At 79 m. S/ Kanab, 20 houses, water from wells. At 80 m. S/ Kanab, 20 houses, water from wells. At 81 m. S/ Kanab, 20 houses, water from wells. At 82 m. S/ Kanab, 20 houses, water from wells. At 83 m. S/ Kanab, 20 houses, water from wells. At 84 m. S/ Kanab, 20 houses, water from wells. At 85 m. S/ Kanab, 20 houses, water from wells. At 86 m. S/ Kanab, 20 houses, water from wells. At 87 m. S/ Kanab, 20 houses, water from wells. At 88 m. S/ Kanab, 20 houses, water from wells. At 89 m. S/ Kanab, 20 houses, water from wells. At 90 m. S/ Kanab, 20 houses, water from wells. At 91 m. S/ Kanab, 20 houses, water from wells. At 92 m. S/ Kanab, 20 houses, water from wells. At 93 m. S/ Kanab, 20 houses, water from wells. At 94 m. S/ Kanab, 20 houses, water from wells. At 95 m. S/ Kanab, 20 houses, water from wells. At 96 m. S/ Kanab, 20 houses, water from wells. At 97 m. S/ Kanab, 20 houses, water from wells. At 98 m. S/ Kanab, 20 houses, water from wells. At 99 m. S/ Kanab, 20 houses, water from wells. At 100 m. S/ Kanab, 20 houses, water from wells. At 101 m. S/ Kanab, 20 houses, water from wells. At 102 m. S/ Kanab, 20 houses, water from wells. At 103 m. S/ Kanab, 20 houses, water from wells. At 104 m. S/ Kanab, 20 houses, water from wells. At 105 m. S/ Kanab, 20 houses, water from wells. At 106 m. S/ Kanab, 20 houses, water from wells. At 107 m. S/ Kanab, 20 houses, water from wells. At 108 m. S/ Kanab, 20 houses, water from wells. At 109 m. S/ Kanab, 20 houses, water from wells. At 110 m. S/ Kanab, 20 houses, water from wells. At 111 m. S/ Kanab, 20 houses, water from wells. At 112 m. S/ Kanab, 20 houses, water from wells. At 113 m. S/ Kanab, 20 houses, water from wells. At 114 m. S/ Kanab, 20 houses, water from wells. At 115 m. S/ Kanab, 20 houses, water from wells. At 116 m. S/ Kanab, 20 houses, water from wells. At 117 m. S/ Kanab, 20 houses, water from wells. At 118 m. S/ Kanab, 20 houses, water from wells. At 119 m. S/ Kanab, 20 houses, water from wells. At 120 m. S/ Kanab, 20 houses, water from wells. At 121 m. S/ Kanab, 20 houses, water from wells. At 122 m. S/ Kanab, 20 houses, water from wells. At 123 m. S/ Kanab, 20 houses, water from wells. At 124 m. S/ Kanab, 20 houses, water from wells. At 125 m. S/ Kanab, 2

Authorities		Arms of Stages	Distances		Road and Soil.	Water	Supplies.	Remarks			
Military	Civil		Stages								
			Miles	Footings							
				Miles <td>Footings</td> <td colspan="3"></td>	Footings						
General Officer Commanding Ling Sulphurated District, Bagong	Civil	Brought over			180	14					
		Kaspa P	7	4		145	5 1/2	Made road with stones over all the small paths	Wells	80 sheep	412 houses. Prime station. Post office, on steep ground S. At 5 1/2 / Wundawee, 10 houses. At 1 m. Sandstone waste and numerous small of Kaser glacia. At 1 m 7 1/2 / tank of good water. At 2 m 5 / top of glacia. At 4 m 5 1/2 / Gaurwache. At 5 m 1 / waste, 20 houses. At 6 m 1 1/2 / well. At 8 m 1 1/2 / Gaurwache waste, 20 houses. At 7 m 1 / descent road to Kaser glacial wastes of an incl.
		Maingwa	8	4		188	1 1/2	Do	Do	None	40 houses and Gaurwache occupying ground N. At 5 1/2 / Kaserwache waste. At 1 m 5 1/2 / across the Vun river, 80 yards wide but muddy, delay of some hours after heavy rain. At 2 m 1 1/2 / Gaurwache waste, 20 houses. At 3 m 5 1/2 / numerous descent. At 4 m 1 1/2 / end of descent. At 5 m 2 / across a small 20 yards wide, to Vun 145 houses. At 6 m 5 1/2 / across a small 20 yards wide, delay of some hours after heavy rain. At 8 m 7 1/2 / across the Kaser river 100 yards wide, but muddy, a ferry boat here at the river. At 7 m 1 1/2 / Gaurwache and some numerous small of Kaser glacia. At 8 m 1 1/2 / top of glacia.
		Back Kaserwache Path	8	3 1/2		180	5	Do	Wells and river	80 sheep	180 houses, Prime station, Gaurwache, on steep ground near at. At 1 m 1 1/2 / Pa. Kaserwache waste, 20 houses. At 2 m 4 / road from Kaser glacial waste on right. At 3 m 5 1/2 / Pa. 180 houses 20 yards, 2 Gaurwache. At 4 m 1 1/2 / Gaurwache 20 houses. At 5 m 1 / across Kaser river, 20 yards wide, leads steep, but muddy. At 6 m 5 1/2 / top of ascent which commences from the river. At 8 m 1 / Gaurwache waste. At 9 m 5 1/2 / Gaurwache for 20 houses, good occupying ground near N. At 8 m 1 1/2 / across the river 20 yards wide, leads steep but muddy, delay of some hours after heavy rain.
		Bagongwache Bunder P	9	4 1/2				Do	Abundant	Abundant	Bagongwache is the principal civil station at the southern border. Post office. There is a large open town on the sea and two small bays formed by a rock, on which a fort is built. There is neither shelter nor good occupying ground the bay being immediately exposed and the bottom hard and with rock. The landing place for boats is on N. side of the fort near a small tank close to high water-mark. With very breeze from the W there are heavy breakers on the bar at the entrance of the river, and boats only cross it at the top of high water. At 8 / waste. At 7 1/2 / road from Bagongwache junction on right. At 6 m 4 1/2 / well. Gaurwache waste, At 4 m 5 1/2 / tank. Kaserwache. At 7 m 1 1/2 / well. At 7 m 1 1/2 / road from Kaserwache on left. At 8 m 1 / Kaserwache & Kaserwache and Post office.
		Total				74	14				
		18 Miles.									



Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Paras.	Miles.	Paras.		
General Officer Commanding Belgaum District, Belgaum.		Brought over.	—	—	110	14		
		Wanad.	13	34	123	48		Made road, with drinking wells over all, the small miles.
Collector at Bhatnagherey.		Bhatnagherey, Belgaum.	8	7	131	55		150 houses, a large Chavandani for 75 travellers; surrounding ground near h. At 1 1/2 f. Kogdara, and cross a mile 10 yards wide; delay of a few hours after heavy rain. At 4 1/2 f. Kogdara, 80 houses. At 1 m. 7 f. Kogdara, 20 houses. At 2 m. 4 f. Kogdara, 21 houses. At 3 m. 2 1/2 f. Kogdara, 10 houses. At 4 m. 4 f. a well and numerous acres of Dubile close planted. At 4 m. 8 f. Bhatnagherey and Chavandani. At 5 m. 7 1/2 f. Govindachavandani, 8 houses. At 6 m. 1 1/2 f. top of Dubile close planted. At 8 m. 1 1/2 f. Jangdevnagar. At 9 m. 2 1/2 f. tank and well. At 11 m. a well.
Collector at Bhatnagherey.		Bhatnagherey, Belgaum.	8	7	131	55		80 houses and a large Chavandani for 80 travellers; surrounding ground near h. At 1 m. 5 f. over the Kogdara mile, 80 yards wide, delay of some hours after heavy rain. At 2 m. 1 1/2 f. road from Bhatnagherey on left. At 4 m. 1 1/2 f. Pales, 120 houses. At 4 m. 1 1/2 f. Pales, Chavandani. At 5 m. 2 1/2 f. Chavandani, 40 houses. At 6 m. 8 f. cross Kogdara river 20 yards wide, bed sandy, delay of 2 days after heavy rain, and numerous acres. At 8 m. 4 f. top of hill. At 9 m. 5 f. Govindachavandani.
Collector at Bhatnagherey.		Bhatnagherey, Belgaum.	8	7	131	55		As report town and the principal civil station in the Southern Khasia. Post Office. Cross the river to the village of Bhatnagherey on left, river, 20 yards wide, bed sandy, delay of 2 days after heavy rain. At 1 1/2 f. pass a Chavandani. At 2 1/2 f. Kogdara, 20 houses. At 3 m. road to Bhatnagherey branches off to the right. At 4 m. 4 f. well and Chavandani. At 4 m. 7 1/2 f. tank. At 5 m. 2 1/2 f. well. At 6 m. 4 f. road to Lango on left. At 8 m. 2 1/2 f. Mankar's kitchenary.
		Total	—	—	140	64		
		12 Mares.						

TABLE No. 75. (3)

## FROM BELGAUM TO BATHNAGHEREY, BY AJRA AND THE PHONDA GHAT.

GENERAL COLLECTION, N.W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Paras.	Miles.	Paras.		
General Officer Commanding Belgaum District, Belgaum.		Belgaum to Bathnagherey.	8	4				As old cleared track, Falls and wells but out of repair, and very difficult in parts.
Collector at Belgaum.								
		Cleared over	—	—	8	4		100 houses; surrounding ground high and dry. At 4 m. 1 f. from Belgaum across Kogdara river, rather difficult for carts even in the dry weather. A small stream in the village about a mile up stream for the rains; Ambikavara, a small village on left bank of the river. At 5 m. 1 f. pass Mankar, left, 2 shops, 80 houses. At 6 m. 5 f. Govind, 80 houses, mile, and well.

Authority		Name of Stage	Distance		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Ministry	Civil		Miles	Perchages				
		Brought over		8 4				
		Wahse	13 4	81 0	An old cleared track but out of repair and very difficult to pass	Wells and wells	A few shops	About 200 houses; open uncultivated ground. At 1 m 7 f. pass through 50 houses, but wells. At 4 m 3 f. Kharra. Over the Kharra river and pass Kharra at 5 m 1 f. on a river 200 houses and a shop. At 6 m 7 f. Jaidikhatia, in rain, and some river water at 11 m 4 f.
		Agri	0 5	80 5	11 Ha	Abandoned & good from wells and river	Moderate	Large place, with good house and market say a week. At 9 m 1 f. pass Khanna 20 houses. At 4 m 3 f. Badganga, to Kharra. Mania at 7 m 3 f. At 9 m 3 f. Badganga: 50 houses
		Mandapour	19 0	43 5	An old cleared track but out of repair the route on the two ghats very difficult	Tejganga river	None	Small village on the N. bank of the Vajpay river the left bank of Badganga. At 4 m 7 f. good uncultivated ground on either bank. At 3 m 1 f. pass the Kharra river by ford or narrow bridge and Badganga on the N. bank 70 houses. At 4 m 1 f. Kharra and at 5 m. Kharra, small town (1) across the Kharra river, some at 6 m 3 f., small ground but very good say 1000 and 1000 and about half a mile in length. The Vajpay river at Mandapour has no city and no houses.
		Wahse	7 3	88 7	120	Well, and river Kharra	None	Small village on the N. bank of the Vajpay river very much increased at the end of the stage by a liberal very good quality land uncultivated ground on both banks. Over the Kharra river (about at 3 m 4 f. from Mandapour, several small descent steep and 4 f. high)
		Dopapour	12 4	82 1	The last 8 or 9 m. difficult with many accidents and accidents	Disagreeably river 3 days	3 days	15 houses, Kharra and Kharra. In the last 8 or 9 m. supply of the Kharra river (about at 3 m 4 f. from Mandapour, several small descent steep and 4 f. high)
		To Kharra	51 4		Made small without in days or days.			Table Table No. 78. (1)
		Total		164 7				
		15 Kharra						

General Officer Commanding Hyderabad District Hyderabad

Political Agents at Kharra

Note.—This is the old cleared road to Dopapour for carts, but generally in very bad order, having been abandoned and consequently not repaired.



TABLE No. 76.

FROM BELGAUM TO SATTARA, BY GOTOOR, OHIKOREE, KAGWAR, AND  
RHYMUTPOOR.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.		Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.			Stage.	Total.				
				Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.	Collector at Sattara.	Belgaum to Hultur- gee.	...	...	31 2½	Made road .....	.....	.....	Vide Table No. 70.
		To Poonaowiee .....	105	6½	137 2	Cleared road .....	.....	.....	Vide Table No. 73.
		Rhympoor .....	12	8	180 6	Ditto All the nullas from the Nharve giant bridged.	Wells and nulls....	Abundant, 20 shops.	7,000 houses, travellers' bungalow, Post office, and dhurumale; encamping ground SE. in a mango tops. At 2½ f. cross a nulla 80 feet wide. At 1 m. 6½ f. cross another nulla 51 feet wide. At 2 m. pass Kolumboe, 160 houses. At 3 m. Waree, 70 houses. At 4 m. 2 f. Tremullee, 100 houses, 1 shop; At 5 m. 3½ f. top of Nharve giant. At 6 m. 1 f. foot of giant, descent easy. At 7 m. 5½ f. Nharve, 160 houses, 2 shops. At 7 m. 7½ f. cross the Ambem nulla, 45 feet wide, and the cleared road to Koreghaum branches off on the right.
		Sattara Post office... B. P. T.	16	0½	...	Cleared road. All the nullas bridged.	Abundant .....	Abundant ...	A large town, hill fort and cantonment; tra- vellers' bungalow; Post and Telegraph of- fices. At 3 f. cross the Koomdhalla nulla, 160 feet wide, bed sandy, banks muddy. At 3 m. Damnehra, about 1½ f. to the right, 185 houses, 1 shop, 1 dhurumale. Cross the Krishna river here, ford 3½ f. across, bed sandy, banks muddy and high, heavy for carts. A small ferry boat dur- ing the rains. At 6 m. 5½ f. Waree, 16 houses. At 8 m. 3½ f. Obote Thangamm, about 2½ f. left, 117 houses, 3 shops, 1 dhurumale. At 9 m. Chomohner, 75 houses, 2 shops. At 10 m. 1½ f. Jasetipoor, 85 houses. At 10 m. 0½ f. Waree. At 12 m. 0½ f. Koolooroe, 600 houses, 2 shops. At 14 m. 2½ f. Goraloe, 160 houses. Made road from Kolapoor joins on left.
		Total...	...	...	164 6½				
		13 Marches.							

Note.—The made road from Belgaum to Sattara by Kolapoor is shorter.

	m. f.	Vide Table No. 70
Belgaum to Kolapoor.....	60 2½	→
Kolapoor to Sattara .....	76 4½	→
Total.....	145 7½	13 Marches



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Belgaum District, Belgaum. Collector at Kollegaloo.		Brought over .....	...	88 0 1				
		Balotee .....	0 3 1	88 2	Cleared and good .....	From 3 wells, and the Krishna river.	1 shop .....	A village of 123 houses, and a chowree, on the N. bank of the Krishna river; encamp in plain, close to village, also on the S. bank in a black soil plain. The river here is three-quarters of a mile across by the ford, though not more than half a mile from bank to bank. It is fordable about the end of December, though at that time it would be deep; and the bed being full of immense stones, it would be very difficult until the ford is cleared, which will be necessary yearly after the monsoon. After this, however, a regiment marching from the last stage on either side is able, without difficulty, to cross at once, and encamp on the other side, after January. The banks are sloped down and easy, and the ford marked by stones. Balotee, a small village of 75 houses, is on the S. bank.
		Moolwar .....	13 0 1	108 2 1	Cleared road, soil black; in many parts country a good deal cultivated about the villages; an extensive undulating plain.	13 wells and nalla; water very good.	A few shops .....	270 houses, and a chowree; encamping ground S.E., very stony; but sufficient good ground for a regiment to be formed in an irregular and confined camp is to be found close to the village among gardens, trees, and wells; there is also good ground, with water, about 1 1/2 m. before reaching Moolwar, in a top of trees, through or near which the road passes. At 6 m. 1 1/2 f. pass Asungee, 180 houses, and 3 wells. At 9 m. 2 f. Malghum, 73 houses, and a few wells.
		Beelapoor, south side. P.	15 2 1	123 5	Ditto .....	Abundant .....	Good bazar .....	Large ruinous walled town; formerly the Mahomedan capital of the Dekkan, celebrated for the splendid tombs of its kings; troops may encamp near Ebrahimpoor, or on the W. side, or in the Now Bagh inside the town. The latter is most convenient as regards water, supplies, and shade, but is difficult of approach. At 5 m. 2 1/2 f. pass the Hullee nalla, muddy and difficult after rain, water not good. At 5 m. 7 f. Wankun and Hullee, two villages on either side of the road. At 11 m. 2 1/2 f. Joosmal, 120 houses; good open ground for encamping. A few shops, several wells, of which one is good, the others rather brackish. Pass Ebrahimpoor, a small village close to the south gate.
		Turgoodee .....	12 4 1	135 1 1	Ditto .....	From a nalla, throughout the year.	Only one shop, but supplies may be had on due notice.	80 houses, and a chowree; encamp in plain near the village. Pass a garden with well, at 2 m. 7 1/2 f. At 5 m. 4 1/2 f. a nalla, and at 7 m. a few huts.
		Hortee .....	8 3	144 4 1	Ditto .....	9 wells, and a nalla with water plentiful throughout the year.	A few shops, kurbee procurable, and supplies moderate on notice being given.	145 houses, some temples, and chowrees; encamp near the road, in stony and rather confined ground; a cultivated undulating plain. At 3 m. 3 1/2 f. pass Agumal, and cross nalla, with easy ascent and descent, to the encamping ground on the north bank; about 20 houses, good water in the nalla up to April. This is a very good halting-place in the cold weather, but after March the water is scarce.
		Bullee .....	8 3 1	153 0	Ditto .....	5 wells, and nalla; water procurable from Jeeras in the hot weather, in abundance.	Supplies and forage procurable on due notice.	On the left of the road, 180 houses; encamp E. of the village, ground high and good. At 5 m. 1 f. Kopa Noemburgoe, 11 f. right; about 80 houses, water from 4 wells and a nalla, the latter very clear and good to April; encamping ground stony; near the road. At 6 m. 1 1/2 f. Gomdama, 45 houses, and a chowree; a nalla with good water all the year, but no supplies; encamping ground right of road, near nalla.
		Carried over .....	...	158 0				

[illegible]

TABLE No 78 (2)

FROM BELGAUM TO SHOLAPOOR, BY BYBAUG, AHNAPPOOR, AND HUTNEE.

GENERAL DIRECTION, EE H H

Authority.		Access of Stages.	Distances.		Road and Soil.	Water.	Expenses.	Remarks.
			Stages.	Total.				
			Miles.	Package.				
Industry.	Civil.							
General Officer Commanding District.	Collector of District.	Belgaum Port (North) Out of the Revenue Station.	30	4	Made for 8 miles.	1 well.	None.	40 houses. At 3 m 24/2 pass 5 houses, 20 houses and a well. At 4 m 6/2 lighter or Kabin, 200 houses & shops and well. At 6 m 9/2 Marathwara 12 houses, 20 coloured pigs with a constant supply of water. At 7 m cross the Marathwara river, which always has water, 80 yards wide steep banks gravelly and sandy bottom. At 8 m 4/2 commence an ascent, which con- tinues for 2 1/2 m. At 10 m pass Marathwara, 12 houses and a well. The supplies at these last villages.
		Carried over		10 4				

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.					
General Officer Commanding Belgaum District, Belgaum.	Collector at Belgaum.	Brought over.....	...	10	4	Country road, soft gravelly and sandy.	Gutpurba river	3 shops	600 houses, and gurhee; encamping ground W. of the town. At 1 m. 4 1/2 f. commence a descent. At 4 m. pass Jalampoor, 100 houses, and a well. At 7 m. 3 f. Jareeboloe, 8 houses, and a well. No supplies at these villages.
		Wulmoore.....	8 5	19	1				
		Sootianpoor.....	8 3 1/2	27	4 1/2	Ditto	Hirakasee river.	1 shop	70 houses; encamping ground SW. At 2 m. 5 f. pass Ramunkuttee, 20 houses, wells, and river; no supplies. At 3 m. 4 1/2 f. cross Gutpurba river, 160 yards wide, sloping banks, gravelly bottom. At 5 m. 7 f. Honoor, 70 houses, on the Gutpurba river; water always. At 8 m. 3 f. cross the Hirakasee river, 70 yards wide, sandy bottom; water always. Hill fort of Palsargurh close to Honoor.
		Belad Bagwaree.....	9 3	30	7 1/2	Black and red soil, gravelly in parts.	Wells and nulls	.....	At 3 m. cross a nulla with water always, 40 yards wide, sloping banks. At 3 m. 4 f. a road turns off to Erroor. At 4 m. 1 f. pass Kotagee, 60 houses, and cross a nulla.
		Boodohal.....	9 8	40	2 1/2	Ditto	Nulls and spring.	.....	14 houses. At 2 m. 7 f. cross a nulla, banks sloping, 80 yards wide; always water. At 3 m. 8 f. Kuboor, 80 houses, 3 shops, 12 wells; encamping ground N. and S. At 6 m. 4 f. Mardegoo, 10 houses and 1 well.
		Chinohlee (Mayakoo).....	10 8	50	5 1/2	Road good; black and gravelly soil.	4 wells	25 shops	400 houses and a gurhee; encamping grounds. At 1 m. 2 1/2 f. pass Kuburhallee, 25 houses, 2 wells; no supplies. At 4 m. 4 f. Ryhang, 300 houses, 13 shops, 20 wells; encamping ground SW. and E.; market on Mondays and Wednesdays. At 9 m. 4 f. cross Hulla's nulla, 80 yards wide, sloping banks, water always.
	Political Agent at Kolapoor.	Aampoor .....	9 7	60	4 1/2	Road good; black and gravelly soil.	1 tank	10 shops	450 houses; encamping ground SE, a cultivated plain. At 5 m. 1 f. pass Koorhee (Bajako), 800 houses, 13 shops, on the Krishna river; encamping ground in fields, SE. At 6 m. 5 1/2 f. cross the river, 600 yards wide, banks very steep, basket boat for crossing until December. At 8 m. 4 1/2 f. cross Harroobulla nulla, 60 yards wide, sloping banks, water constant.
		Hutnee P. ....	11 7	78	8 1/2	Ditto	30 wells	70 shops	1,000 houses; encamping ground SW, or in a large tamarind grove, to the E, with a fine well in a temple close. At 3 m. 4 f. pass Kutral, 15 houses, a well; no supplies. At 6 m. 3 f. Tungroo, 30 houses, on the Ugurree river, which is crossed here, 180 yards wide, banks 14 yards deep. At 8 m. 4 f. Seenal, 18 houses, and a nulla; no supplies; cultivated plain.
		Gogwar .....	12 0 1/2	91	3	Ditto	3 wells	None	50 houses, in a cultivated plain. At 3 m. 1 f. pass Bhageruttee, and cross a nulla, with water always, 80 yards wide, and sloping banks. At 5 m. 1 f. Purnabullee, 180 houses, 10 wells. At 6 m. 5 f. Goodawargee, 125 houses, 8 wells; no supplies at these two villages. At 10 m. 3 f. Belgaree, 70 houses, and gurhee, 1 shop, and 7 wells. At 12 m. 4 1/2 f. cross a nulla, 18 yards wide, sloping banks, water for about months.
		Carried over.....	...	103	6 1/2				
General Officer Commanding Poona Division, Poona.	Collector at Bhatnagar.	Jait P. ....	13 8 1/2	103	5 1/2	Ditto	15 wells, nulla, and spring.	16 shops; market town	900 houses and gurhee; encamping ground NE. At 1 m. 4 1/2 f. cross a nulla difficult for carts; water for seven months. At 4 m. 7 1/2 f. Billoor, 231 houses, 5 shops, 8 wells. At 8 m. 7 1/2 f. cross a nulla, 15 yards wide. At 10 m. 4 1/2 f. Mullal, 10 houses, nulla, and spring.
		Carried over.....	...	103	6 1/2				

General Office Commanding Force Division, Pune.

Authorities		Names of Stages	Distances	Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total			
			Miles	Perchages			
			Miles	Perchages			
		Brought over	..		180	5	
		Karungpa	7	3	110	7	Good road; black soil and gravel.
		Doled	12	3	122	11	Doled
Collector at Matsum		Karungpa	12	0	180	11	Doled
		Talga	30	8	142	7	Good road; black soil.
		Patwa	12	8	182	4	Doled
		Shikpa	8	8			
		Total			180	12	
		18 Marches					

Note—The best road to Shikpa is every way is that given in Table No. 78. (1)

TABLE No. 79.

FROM BELGAUM TO SUDASHEWGHUR, VIA HULLIHAI, SOOPA, AND THE  
SINGAYWAREE GHAT.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
			Miles.	Furlongs.					Miles.	Furlongs.
Military.	Civil.									
General Officer Commanding Belgaum District, Belgaum.		Collector of Canara at Karwar.								
		From Belgaum Fort gate to Hullihal.	...	...	60	2½	.....	.....	.....	Vide Table No. 69. (1)
		Barchee nulla .....	12	3½	09	6½	Made road, nullas bridged.	Plentiful .....	None .....	A nulla 36 yards broad; good and extensive encamping ground on either side of the nulla. At 2 m. 2½ f. cross the Dowgar river (bridged); a made road to Yellapoor branches off to the left. At 2 m. 6½ f. Kosrolee, 2 f. to the left, 50 houses. At 4 m. 8 f. Aigsum, 8 f. to the left, 10 houses. At 4 m. 7½ f. Donnegayree, 2 f. to the right, 8 houses. Country covered with jungle.
		Soopa .....	11	0	73	5½	Ditto nullas un-bridged.	2 wells and Kallee sirc.	2 shops, source	A village at the junction of the Kallee and Pandree rivers, 60 houses, Mamuldar's kutcherry, and branch Post office; encamping ground to the S.E. of the village. At 1 m. 4½ f. Harreygalloo, 8 houses. At 3 m. 1½ f. the made road to Jungulpeit branches off to the right. At 6 m. 2½ f. cross a nulla 8 yards wide. At 6 m. 6½ f. Awoyd, 10 houses. At 7 m. 1 f. cross a nulla. At 10 m. 2½ f. the made road to Tinny ghaut branches off to the right, across the Kallee river to Soopa; two small boats here in the rains. Country jungly from Harreygalloo; low ranges of hills run on both sides of the road.
		Koomarwarra .....	10	0	80	5½	Ditto	3 good springs of water.	3 shops, source	10 houses; good encamping ground to the SW. of the village. At 2 m. 5 f. cross a nulla 15 yards wide. At 3 m. 7½ f. Mool-kundee, 2 f. to the left, 15 houses. At 4 m. 5½ f. cross a nulla 10 yards wide. At 5 m. ½ f. cross another nulla 20 yards wide, bed sandy, banks easy, causes delay for an hour or two after heavy rain. At 7 m. ½ f. Shamjora, 2 f. to the right, 10 houses. At 8 m. cross a nulla. At 8 m. 6½ f. Tolwarree, 5 houses. At 10 m. 4 f. Doeglow, 1 f. to the right, 0 houses. At 13 m. 4½ f. cross a nulla 15 yards wide. At 14 m. 8½ f. Koorwarree, 2 huts. Country jungly and hilly.
		Hansi .....	18	2½	108	0	Made road, nullas bridged.	Plentiful from spring.	None .....	8 houses; encamping ground N.E. of village. At 2 m. 4½ f. cross Noomjee river, 50 yards wide, bed stony, banks easy, water always, not fordable during the rains. At 7 m. 2½ f. pass Noongia, 80 houses. At 9 m. 1½ f. Noongachewarree, 0 houses. At 11 m. 1½ f. cross Pedhole nulla, 21 yards wide, bed stony. At 11 m. 3½ f. cross another nulla, 15 yards wide, bed sandy, banks easy, delay for about an hour after heavy rain. Country jungly and hilly.
Boray .....	10	3½	113	8½	Made road, nullas un-bridged.	3 springs and Kallee river.	Ditto .....	8 houses; good encamping ground to the SW. of the village. At 2 m. 6½ f. Buppal, 8 houses. At 3 m. 7½ f. cross a nulla, 14 yards wide. At 4 m. ½ f. the descent of Singaywaree ghaut commences, easy, which extends for 4 m. 4½ f. At 6 m. 4½ f. cross Sacklee river, 75 yards wide, bed stony, banks easy, water always. Country hilly and jungly.		
		Carried over .....	...	...	118	3½				

Collector of Canals at Karsur.

Authority at		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
			Miles	Perchages				
Military	Civil		Miles	Perchages				
General Officer Commanding Belgaum District, Belgaum	Collector of Customs at Karwar	Brought over						
		Belgaum	17	81	Main road, well up walled	Faint	10 shops	Large town; occupying ground to the NW. A11 = 3/4 Kachar 4 houses. A11 = 3/4 gave heavy tender and a Police const. built some up the Kachar river to 4 m. under at ordinary tide. A11 = 1 1/2 Gopalpur 1/2 to the left. 30 houses. A11 = 3/4 Thayir 14 houses occupying ground NW. A11 = 4/5 Hingla, 4 houses. A11 = 4/5 Dedda 4 houses. A11 = 4/5 Hingla 20 houses. A11 = 4/5 Jethi Kalia are some abundant (the road is the houses off to the right. A11 = 4/5 Hingla 100 for the A11 = 4/5 Amala 200 houses country mostly cultivated near villages. Kila to the right from Dary to Amala
		Total		111	14			
		10 Marches						

TABLE No 80 (1)

## FROM BELGAUM TO VINGORLA, BY THE PARPOLE GHAT

## GENERAL DISTANCE W

Authority.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
Mileage.	Cart.		Stage.	Total.					
Mileage.	Cart.		Mileage.	Perchages.					
General Officer Commanding, Belgaum District, Belgaum	Collector at Belgaum.	Belgaum Fort Gate to A11			60 7 1/2	Main road			
		Parpoles Border D F 2	11	8 1/2		Ditto	Abundant	Abundant	
		Total			78 4 1/2				
7 Marches									

Pole Table No 7 (1)

A town with travellers' bungalow; Post and Telegraph offices. At 11/2 past Belgaum 7 houses water from wells, no supply at A11 = 4 1/2. Bungalow 4 houses. At 1 1/2 = 5 1/2. Village 180 houses. At 5 1/2 = 1 1/2. Milk, 200 houses water from wells, 4 shops. Post-house, 1 1/2 a town of Parpoles by the main street to the travellers' bungalow which is near the end. The first is nearly opposite the bungalow at 1 1/2 a further on and is approached by a good main road. There is a stopping place with land to grow and on the 1 mile drive is a room for sleeping horses, heavy baggage, etc. Belgaum at 200 and on way 10 stone slabs under the stone for about six hours in every tale; another pillars are made longer. Belgaum area is as well as three-quarters of a mile of the bungalow road. The bungalow is small and covered by the 7 D fence of the 57 gals. Kumbha, cattle, horses and bullocks are fed at Parpoles, and generally eaten in moderation. For a large number of miles and no meat is made to Belgaum. On 1 and 2 miles some progress in the old cantonment.

Notes—Permanent occupying grounds have been marked out at all the stages



TABLE No. 80. (2)

## FROM BELGAUM TO VINGORLA, BY THE RAM GHAUT.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.		Political Agent at Sawant Warce.						
		E. Gate of the Fort of Belgaum to Banda.	...	...	57	3	Made road not kept in repair.	.....
		Tulhowna .....	10	0	08	1	Ditto The country below the ghaut very undulating and hilly.	Wells and river ... Several shops.
		Vingorla Bunder R. P. T.	9	4	...	...	Abundant	Abundant
		Total...	...	...	77	8		
		8 Marches.						
		Collector at Ratnaghorry.						
								<p>See Table No. 72. (3)</p> <p>Encamping ground on either side of the river, in good ground, with fine trees. Pass the villages of Sorla, Yotail, and, at 6 m. S. of, Maligna, a few shops, and water. Sawant Warce is 8 m. S. of this, and a made road branches off to it, also the cross-road to Rastra.</p> <p>Leaving Tulhowna, cross the Moohamar creek; fill quickly in the rains, but generally fordable. At 4 m. 2½ f. commence ascent of Toolsee ghaut, is rather more than half a mile in length, and easy for carts; descent 1½ f. also easy. The village of Toolsee is at the foot, on the E. side. Pass the old encampment of Vingorla at 5 m. 7 f.; encamping ground very extensive, hard, and open. Pass through the town of Vingorla by the main street, to the traveller's bungalow, which is near the end. The fort is nearly opposite. The bunder is 1½ m. further on, and is approached by a good made road. There is a sloping but difficult landing-place, and, on the bunder, there is a crane for slinging horses, heavy baggage, &amp;c. Pottamers of 220 candles can lie close alongside under the crane for about six hours in every tide; smaller pottamers can remain longer. Steamers come in to within three-quarters of a mile of the bunder head. The harbour is small, and exposed to the full force of the S.W. gales. Hamalia, coolies, tatooes, and bullocks can be had at Vingorla, and generally carts in moderation. For a large number application must be made to Belgaum. The rivers and water nullies on this road are so numerous that it is found a convenient plan to throw causeways across them for troops marching in the cold weather; this is done easily, and at a trifling expense, the materials being at hand.</p>

TABLE No 81. (1)

FROM BELGAUM TO VIZIADROOG, BY KEEPAHNE AND THE PHONDA GHAT.

GENERAL DIRECTIONS, &amp;c

Authorities		Names of Stages.	Distances			Road and Soil	Water	Supplies.	Remarks
			Stage	Total					
Military	Civil		Miles.	Package.	Miles.				
General Officer Commanding Belgaum District, Belgaum	Collector of Belgaum	Belgaum to Keepahne		44 05		Good road			Side Table No 70
		Peaslee	88 05	100 45		Good road without bridges or drains			Date No. 75 (1)
		Peaslee	0 7	110 55		Good road	4 walls and walls 1 ship		480 houses and a Government Government, for travellers, good occupying ground to the right of road and S of the Government. At 1 1/2 miles from Peaslee across the Deogarh river 70 yards wide banks low but steep and difficult for carts; delay of 1/2 hour after heavy rain. At 4 1/2 / pass a few houses. At 5 m. 4 1/2 / Khawar 40 houses 15 walls. At 5 m. 11 / road to Keepahne branches off to the right and feet-walk to Keepahne to the left. At 5 m 11 / a temple. At 5 m 31 / crossed 12 houses 4 walls. Country hilly as far as Khawar.
		Wagoner (travelled) Khawar	10 05	121 5		Do	2 walls and 18 1/2 ships		The village and border of Wagoner is a mile to the right, 80 houses and Government. The border is very good; even so can some close alongside without any difficulty; the hatching place in this good occupying ground for a wing near the border on the banks of the Khawar river. At 4 m 0 / a small Government. On shore 15 men, and a wall. At 4 m 05 / another wall of good water. At 5 m 5 / a short descent. Country partly upon and partly hilly.
		Yamashing	18 5			Do	40 walls	20 ships	800 houses 2 temples on 1 foot on a track of land on the south side of a border of small desirable extent. Walls strong but are rounded by two hills on which are the remains of batteries. Anchorage in the river for large ships with in 100 yards of the NW and S shore. The entrance of the harbour wide and no bar. Road and S of it is about 5 feet occupying ground hard and steep south of the village. At 1 m 4 / pass Khawar Wagoner, 15 houses, 1 low side water from south. At 7 m 8 / Ghatia, 2 / to the right 20 houses 6 walls, 1 ship. At 4 m 3 / across a broad 240 yards long and 30 yards wide. At 5 m 1 / across another broad about a hatching in length. At 9 m. 6 / Government or Khawar broad 40 houses 3 walls. At 11 m 6 / hilly, water from road. At 12 m 8 / a wall of good water. Country hilly.
		Total		188 4					
		18 Marches							

TABLE No 81 (2)

FROM BELGAUM TO VIZIADROOG, BY AJRA AND THE PHONDA GHAT.

GENERAL DESCRIPTION, NW

Authorities		Kilometres of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
Military	Civil.		Stages.	Total.				
			Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding the Hyderabad Division Belgaum	Collector at Karnalpur	Belgaum to Dapra post		83 24	As old cleared track but out of repair and very difficult in parts			File Table No. 78 (2)
		To Pochale	17 84	81 24	Made road without bridges or dikes			File Table No. 78 (1)
		To Vaniwadi	26 71		Cleared road but not kept in repair			File Table No. 81 (2)
		Total		117 11				
		11 Miles						

TABLE No 82 (1)

FROM BHOOL TO BALMEER, BY BHEYLA, NUGGUR PARKUR, VERRAWOW,  
AND CHOTUN.

GENERAL DESCRIPTION, NE &amp; S

Authorities		Kilometres of Stages.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
Military	Civil.		Stages.	Total.				
			Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding the Hyderabad Division Belgaum	Collector at Karnalpur	From Bhoor to Kotha at Bhoor	9 7	9 7	Feasible road	From a large tank	4 shops	100 houses; good occupying ground to the S and N of the tank. At 3 m S/ N distance a small village on the Poch river, which is a good well.
		Karnalpur	10 84	28 84	Good but sandy, road over local country	good wells in Karnalpur and Nuggur Parkur and 2 tanks dry in February		A small village good and high occupying ground to the west near the wells. At 5 m S/ N distance a small village on the Poch river, which is a good well.
		Dandya P.	9 8	80 04	The first 5 m of the road, the rest good.	more wells some hand-dug 2 tanks lacking 6 months	Madras shops.	A small village good and high occupying ground to the west near the wells. At 5 m S/ N distance a small village on the Poch river, which is a good well.
		Cleared area		80 05				1000 houses and a small tank (S/ N); good occupying ground 300 yards north, also to the east. At 7 m S/ N distance a small village on the Poch river, which is a good well. At 5 m S/ N across a river with broad sandy bed, and low banks. Country made of sand, with patches of low jungle.

TABLE No. 81. (1)

FROM BELGAUM TO VIZIADBOOG, BY NENPAHRE AND THE PHONDA GHAUT.

GENERAL DIRECTIONS, NW

General Officer Commanding Belgaum District, Belgaum

Collection at Malimgaherry

Authority		Name of Stage	Distance.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
		Belgaum to Kaspur		44 81	Made road			File Table No 70 Ditto No. 75 (1)
		Pandua	88 04	100 41	Made road, various bridges or dams.			
		Vandargam	9 7	110 81	Charred road	4 wells and 1 step		
		Wagman travelling to Kaspur	30 01	131 8	Do	3 wells and 10 1/2 steps		The village and border of Wagman is a mile to the right, 60 houses and Akaramia. The border is very good; streams can come down alongside without any difficulty; the border place is also good occupying ground for a wing near the border on the banks of the Akaramia river. At 4 m 8 f. a small Akaramia for about 15 m and a well. At 6 m 8 1/2 f. another well of good water. At 8 m 8 1/2 f. a small Akaramia. Country partly open and partlyilly.
		Vandargam	15 2		Do	40 wells	40 steps	
		Total		189 4				
		13 Miles						

TABLE No 81 (2)

FROM BELGAUM TO VIZIADROOG, BY AJRA AND THE PHONDA GHAT.

GENERAL DIRECTION NW

Authorities		Names of Stages.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage.	Total.				
Military	Civil		Miles.	Perchages.	Miles.	Perchages.		
General Officer Commanding for Western District Belgaum	Collector of Belgaum	Belgaum to Dap- pur		88	34	An old cleared track but out of repair and very difficult in parts		vide Table No. 74. (2)
		To Poonie	17	64	61	34		vide Table No. 75 (1)
		To Vandieng	55	74				vide Table No. 81. (1)
		Total		117	14			
		11 March.						

TABLE No 82 (1)

FROM BHOJ TO BALMER, BY BHEYLA, NUGGUR PARKUR, VERRAWOW,  
AND OHOTUN.

GENERAL DIRECTION, NE to N

Authorities		Names of Stages.	Distance		Road and Soil	Water	Supplies.	Remarks
			Stage.	Total.				
Military	Civil		Miles.	Perchages.	Miles.	Perchages.		
General Officer Commanding Northern Division Ahmednagar	Political Agent in District of Bhoj	From Bhoj Canton- ment to Pabliar	8	7	Tolerable road	From a large tank. 4 well & water scarcy in hot season. No quandy	4 sheep	100 houses, good occupying ground to the S and N of the tank. At 3 = 3/4 Muddap- pur a small village on the Pabliar which cross. At 5 = 5/4 a Muddap-pur with a good well
		Kanyabhoos	10	64				A small village good and high occupying ground to the east near the well. At 6 = 1/4 across a wide valley. At 8 = 1/4 Thane the supplies and a large tract of good water Country covered with low jungle
		Doodys P	8	8	Good but sandy, road over level country	good water in fields surround- ed by trees and 2 tanks dry in February	Maddam's sheep.	200 houses, and a small well good as occupies ground 300 yards north, also to the east. At 7 = 1/4 Muddap-pur no sup- plies. At 8 = 5/4 across a river with broad sandy bed, and low banks. Country with king with patches of low jungle
		Current over		80	64			

Authorities		Name of Station	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Per stage	Miles	Per stage		
		Brought over			80	0		
	Pooner		7	4	87	4		
	Chowkatta		15	6	102	10		
	Jeon		13	8	115	18		
	Boy		6	0	121	24		
	Thompson or Man Joon		8	4	129	32		
	Boyle		13	7	142	39		
	Carried over				155	63		

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Parasangs	Miles	Parasangs			
General Officer Commanding And District, Kachin	Political Superintendant Tharr and Pabbar, at Chomabaka	Brought over			84 2 1/2				
		Kachin	81	4	188 5 1/2	Good across the Kachin generally practicable for carts in October. It is reckoned that gurus to cross in the dry time, owing to the blocking place from the salt which covers the surface	Good from 8 walls, and pits in a small tank	Scarcely any shops	40 houses, Chomabaka and a Police Camp. Country near Kachin level, generally covered with long grass and thin jungle. At 3 m from Maylay, reach the S bank of the Kachin, and at 17 m 4 f the S bank of the Kachin, on the Kachin side has hardly any perceptible declivity, but on the Pabbar side there is a bank of one or two feet. A detachment of Artillery from Maylay, with a 12-pr howitzer and a 6-pr, marched across from Maylay to Kachin at 13 hours, on the 11th September 1888.
		Myayay Pabbar	8	8	191 4 1/2	Cleared road through a sandy and rocky soil and level country, with thin grass and jungle	Abundant from 8 walls, and pits in a sandy ridge	Moderate shops	Two roads lead from Kachin to Myayay; one round the right of the Kachin hills, the other between two portions of it, the former is the best, and road by carts, the other is shorter and quite practicable for bullock carts; it is also tolerably open, the hill on either side being 300 or 350 yards distant. After passing through or round the bank of the Kachin, the road leads under its N face to Myayay which contains about 300 houses, chiefly grass huts, and is surrounded by a dry thorn hedge close under the hill. Road often, occupying ground N.E.
		Yayawar	11	5	202 1 1/2	Good hard soil road, cleared.	Abundant from 8 walls to S and N, S bank walls of brownish water, and some ricepits in beds of tanks.	Moderate	The first 14 miles level, and sloping gradually down to a low ground, partially under water in the summer, about half way the road leads between some low ranges of rocky hills, by which it is a little outland, under these hills on the right and left of the road are the small Kachin villages of Dugan and Baidayre. The road thence passes round the left of a large swampy tract, about a mile long to the S. of Yayawar, which is the largest place in Pabbar and contains about 300 houses and a small round brick fort. It is surrounded by a dry thorn hedge, and is on the verge of the sandy desert, the scrubby evergreen close to it. Post office, Police thorn stockade, the District, Chomabaka, and school.
		Kayay	13	5	215 1 1/2	A winding and heavy axle wall between and over sandhills, covered with coarse grass and low jungle.	Good water from 8 walls, and a kitchen wall.	None	13 miles At 4 m 8 f pass Kayay, 10 miles, one wall of kitchen water; no supplies. Some rocky hills near Kayay, on the left sandhills and jungle, but not very high or difficult. At 15 m pass Kachin, 8 houses and a kitchen wall of good water; no supplies. Road and country as before; across four sandhills in the last mile.
General Officer Commanding Myayay District, Myayay	Political Agent at Jodhpur	Kachin	13	8	228 1 1/2	Ditto	A kitchen wall off shop	shop	10 houses At 8 m 8 f pass Kachin, 10 houses, good water from a kitchen wall, sandhills covered with grass jungle, and scarcely any trace of a road, which winds across the sandhills. At 4 m 8 f Kayay, gurus. Neither of these villages has supplies.
		Chomabaka	16	5	244 1 1/2	Ditto	1 yards wall of good water, 100 feet deep	Ditto	20 houses At 3 m 4 f pass Chomabaka, 30 houses, 1 shop, 1 kitchen wall of good water. At 6 m 8 f Yayawar, 30 houses, and a kitchen wall of good water. Country as before. Cleared road from Kachin to Yayawar.
		Mayay	17	8	261 1 1/2	Ditto	1 yards wall of good water	None	21 houses, road running between sandhills. At 5 m 4 f pass Mayay At 9 m 7 f On the Pabbar. At 18 m 7 f Kachin At 19 m 2 f Kachin. These villages have each
		Carried over			278 1 1/2				

Artificiality		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Percentage	Miles	Percentage		
General Officer Commanding Mysore Division, Mysore		Brought over			200	41		are well but no supplies. From Jagalur to Kolar the country was deserted when the road was surveyed in March 1844, in consequence of want of rain, road through a desert jungle
		Chakra	16	4	216	41		Chakra is a small village at the mouth of a ravine on the S. side of a rugged isolated granite hill of an irregular quadrilateral shape, rising some 1,500 feet above the plain, and nearly inaccessible. It has five springs of water, two on the western and three on the eastern side all high above the plain. The best is in the ravine, above the village, and has a small stream of pure water. These springs are noted and visited by pilgrims; there are many small temples about them. At 8 a.m. 1/2 pass Kolar, 21 houses, 1 shop, and a pond well of good water
		Deodars	8	4	224	41	Date	One pond well of pure good water
		Leaky Tank	10	34	234	45	Date	A large tank near Date the hill
		Belmar	10	04			Date	8 tanks and 4 large Motakote wells was visited (the others tank) 1/2 from 70 to 120 feet deep
		Total			548	41		
		30 March						



TABLE No 82 (2)

FROM BHOOJ TO BALMEIR, BY VEERAWOW, TAMPDE, AND GURRA, ON THE LOONEE RIVER

GENERAL DIRECTIONS, &amp;c. BY M

Authorities		Names of Stages	Distances		Road and Soil.	Water	Vegetation	REMARKS.
Military	Civil		Miles	Fathoms				
General Officer Commanding Mad Division, Executive	Political Superintendant Thar and Pothohar, at Comankh.	Departments of Bhooj to Veerawow		142 11				See Table No. 82 (1)
		Gurra	11 0	154 71	Good dirt road, the first half unimproved by rains of Bhooj, the remainder hard and stony soil.	Good but not abundant, from 15 to 20 ft. in their beds.	None	On the left 80 houses, occupying SSW from 3 to 7 f. The trees on this road given by three acres, and one in some places be a road off by descent to the left.
		Wamlee	10 0	164 73	A hard level plain grassed, approaching the Bhooj, which is partly unimproved the road in the main, soon the would be mainly but not be possible, the first of or 1 m over a sandy and undulating plain.	Sufficient for a few acres, from 15 to 20 ft. in their beds, to be found by digging a few feet.	None	Wamlee is one of several places in this range bounded where water is found near the surface and where during the monsoon only a few scattered trees. At 3 m S/ Dugger 80 houses on the left. The last 4 m. 4 f. leads across the Bhooj which only in November is quite dry, by making a descent to the left it may be nearly all are dead.
General Officer Commanding Mad Division, Executive	Political Agent at Jodhpore	Kyrcow	19 0	186 71	Most the same	Good and abundant, from 15 to 20 ft. in their beds, to be found by digging a few feet.	None	40 houses. In the monsoon, troops should encamp 3 or 4 m. W of the village as the ground near 3 m is mainly at this time. At 18 m 1 f. once a narrow branch of the Loonree with little water and sandy bed. The mouth of the desert run along on the left, the head of the Bhooj on the right.
		Tampde	11 4	196 81	Good dirt road through level sandy partly cultivated grass and level sandy, partly uncultivated, some abundant jungle thorn.	Abundant, from 15 to 20 ft. in their beds, to be found by digging a few feet.	Plentiful	2000 houses, and a post from Jodhpore. At 1 m 3 f. Mithra 15 houses on right. At 6 m 6 f. Bhoojan 80 houses on right. At 11 m cross river Loonree on right to an occupying ground in bank of river. There is also some good ground among trees, near the bank, and a short crossing. The Loonree river is about half a mile to the right on the road and the mouth of the desert gradually approach till at Tampde they touch at 11.
		Bedkora	8 3	204 81	Good dirt road, first 3 m heavy, sandy ground, then through hills and level sandy, partly uncultivated, road very winding.	Abundant from 15 to 20 ft. in their beds, to be found by digging a few feet.	Sandy	Across the river NW from camp by a tolerable dirt bridge about 15 or 20 feet high one foot of water over 30 yards wide. At 4 f. pass Tampde, on left. At 3 m 6 f. pass Dugger on left, 160 houses. At 7 m 3 f. Bhoojan on right, 160 houses. At 8 m 7 f. Bedkora, on left 76 houses. From camp at 8 f. NW is occupying ground near some wells. The river is close to the right the whole of this road.
		Kayra	8 3	214 1	Good dirt road heavy and sandy, sandy ground, and very good also from some pits, and one well.	Abundant, from 15 to 20 ft. in their beds, to be found by digging a few feet.	Sandy	Across the river NW from camp by a tolerable dirt bridge about 15 or 20 feet high one foot of water over 30 yards wide. At 4 f. pass Tampde, on left. At 3 m 6 f. pass Dugger on left, 160 houses. At 7 m 3 f. Bhoojan on right, 160 houses. At 8 m 7 f. Bedkora, on left 76 houses. From camp at 8 f. NW is occupying ground near some wells. The river is close to the right the whole of this road.
		Gadkora	10 0	224 71	Tolerable dirt road, some parts heavy ground and confined by jungle.	Abundant, from 15 to 20 ft. in their beds, to be found by digging a few feet.	Sandy	At 7 m 3 f. Dugger 80 houses on Loonree. At 10 m Gadkora at 10 m 3 f. about 180 houses on the left, occupying half a mile N by W of village. The river Loonree is on the right on the road and the sand hills of the Bhooj on the left. The occupying ground is close to the river.
Grand total			222 71					

Authorities		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stages.	Total.						
			Miles.	Perchages.					Miles.	Perchages.
General Officer Commanding Mysore Division, Chavara.	Political Agent at Bangalore.	Brought over			220	71			200 houses, on the Looze river, but nothing big grown. The river is 250 feet wide low water, bed level sand. At 4 1/2 miles 60 houses, on left. At 5 1/2 miles 40 houses on left. At 6 1/2 miles 30 houses, on right. At 8 1/2 miles 30 houses, on right. The road wide very much to avoid crossing the river, and adjacent fields, and has some under some very high and steep mud-fills. There is a great deal of wheat cultivation on the road.	
		Gura	8	0	228	71	Very heavy and deep road part of it runs under high mud-fills.	Abundant, from waste, some of them brackish and pits in the Looze river.		Abundant.
		Chikaravite	17	8	245	79	Muddy, but tolerable road over and across low mud-fills, with much jungle.	Abundant from 12 hours wall of brackish water, 120 feet deep.		Some
		Gulike	15	8	260	87	Ditto	1 well of brackish water.		Ditto
		Bahar	13	0			As before for 10 m. then a level and good road.	Abundant.		Abundant.
		Total 25 Miles				274	87			

TABLE No 83.(1)

FROM BHOOJ TO DHESA, BY DOODYE, ARDYSIE, AND RAHDINPOOR.

GENERAL DIRECTION, XI

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Perchages					Miles	Perchages
General Officer Commanding Northern Division, Alambabad.	Political Agent at Kulu, at Bhooj	Brought over to Police Wagon			27	41			Table No 82 (1)	
			18	41	30	1	The road for the first 4 m. mud-fills, and water, principally through thick jungle; the soil is a heavy dry deep mud and hard gravel.	8 shops for the stage before.	800 houses, good occupying ground NW At 1 1/2 miles 4 1/2 miles 80 houses along slope of water and mud-fills. At 2 1/2 miles 8 1/2 miles 40 houses. At 3 1/2 miles 300 houses. Abundance of water and supplies. At 4 1/2 miles 100 houses, 1 shop. At 5 1/2 miles 100 houses, 1 shop. At 6 1/2 miles 100 houses, 1 shop. Country level with patches of grass and jungle.	
		Lakra	8	7 1/2	38	48	Good good, and muddy with much baked jungle, and occasionally baked by rain.	15 wells and brackish water and good in hot season.	79 shops supplies and 40 houses.	800 houses, good occupying ground NW At 1 1/2 miles 4 1/2 miles 80 houses along slope of water and mud-fills. At 2 1/2 miles 8 1/2 miles 40 houses. At 3 1/2 miles 300 houses. Abundance of water and supplies. At 4 1/2 miles 100 houses, 1 shop. At 5 1/2 miles 100 houses, 1 shop. At 6 1/2 miles 100 houses, 1 shop. Country level with patches of grass and jungle.
		Correct over			38	55				

Authorities		Name of Region.	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles.	Days				
General Officer Commanding Northern Division  Political Agent at Peshawar		Brought over						
		Chitrawa	8 7 1	80 2	Road for the most part good and red mud. At 8 m. 2. / rocky. At 8 m. 4. / soil about near wadi. red soil; some purple on the road.	Good from Miran to 30 stages and a tank.		A walled village of 800 houses, good occupying high ground. At 4 m. 1. / from the Lake a river, no water but in the morning had muddy. Country undulating.
		Muzrahar	13 7	86 4	As before	Abandoned from walls and tank. Half destroyed by rains.	Moderate 30 stages.	150 houses, good occupying green hill. E. near a tank. The country improves on approaching Khannas. At 8 m. Kyra Juggar 280 houses, 30 stages and many wells. Water not good. In hot season supplies and forage scarce. Occupying ground extensive.
		Ardayar	7 3 1	94 3	Road good and open and hard.	Abandoned from walls and large tank.	Abandoned. Scarcely any portulacae in June 1867.	A walled town occupying high ground. At 4 m. 1. / from Ardayar to the River. 8 m. across it hard road. At 4. / further Peshawar which it was reported the water had dried. At 11 m. 1. / across a creek of the River 300 parts of mud in the River found on the 14th December. Should water fall at Rayo, troops should move on to Madostra 8 m. in advance.
		Rayo	13 6	107 8	Ditto	Abandoned in the middle from large tank. had scarcely any in the hot season when p. is in the bed.	At 4 m. 1. / not procurable as not being given.	A small village excellent occupying ground. At 4 m. good hard road of 8 m. from Ardayar to the River. 8 m. across it hard road. At 4. / further Peshawar which it was reported the water had dried. At 11 m. 1. / across a creek of the River 300 parts of mud in the River found on the 14th December. Should water fall at Rayo, troops should move on to Madostra 8 m. in advance.
		Dalen	18 7	127 8	Very good road in hot weather	Longyish looking like the mounds	3 stages	45 houses occupying 8 m. open ground. At 8 m. from Madostra a small place with a tank and wells. The latter however of pitiful breaking. At 5 m. pass the little village of Dardara 40 houses, 1 tank 4 wells. At 9 m. Madostra a large village 100 houses 3 stages, 1 well 4 tanks with eight months water. occupying ground confined. The whole space between the two branches of the River is sandy desolate of water. Country an open plain.
		Warye	13 8	130 7	Ditto and sandy but good road	4 tanks each a good one smaller water	Supplies at Madostra	280 houses, occupying 8 m. on confined ground. At 8 m. 1. / from a small branch of the River, 450 yards wide covered with grass. At 4 m. 5. / Madostra 40 houses 1 tank, having eight months. At 7 m. 7. / Madostra 150 houses 5 wells, and tank.
		Makropper W. gate	20 7	141 6	Good road and sandy	4 tanks, having ten months, abundance of wells	Abandoned	A large and populous walled town, with houses. Part of office occupies 11 m. occupying high in good open ground. At 8 m. 4. / Peshawar 16 houses 1 shop 3 wells. There is another village of the same about 8 m. 8.
		Om	11 1	152 7	Ditto	Abandoned from walls and tank	Abandoned, 30 stages	280 houses, good occupying ground. At 8 m. 8 m. Joytishpur 40 houses 3 stages
		Omaka	14 8	167 1	Ditto	Wells and tank	30 stages	50 houses occupying 8 m. in good and open ground. At 8 m. 8. / from 30 houses At 8 m. 8. / Omak 8 houses At 8 m. 1. / Khannas 40 houses, At 7 m. 8. / Juggar 40 houses At 8 m. 8. / Ardayar 30 houses and 3 stages
		Manmor	18 7	186 0	Ditto	2 small tanks, 30 wells, water of an excellent water. 80 feet deep and one very good well.	Abandoned	150 houses occupying 8 m. in confined ground. At 4 m. 8. / Khannas 100 houses 3 stages 18 wells no tank. At 7 m. 8. / W. d. r. Tydo 150 houses, 10 stages, 1 tank 4 wells 30 houses wells. At 8 m. 4. / River 180 houses 1 tank, and a large well.
		Duma BPT	13 6		Ditto	Is abandoned from the River in river which runs W. and the bed of which is 300 yards wide	Abandoned	At 4 m. 8. / River 30 houses 1 tank 10 katcha wells all good. At 10 m. 1. / 8 gain of Duma town 280 houses 40 stages abundance of wells and houses over running W. from through town to 18 m. 8. / 8. / near 400 houses, 8 stages and river close. Country very busy in the country.
		Total		198 8				
		17 Marches						

Authority.		Name of Stage.	Distance		Road and Soil.	Water.	Supplies.	Remarks.	
			Stage	Total					
Military	Civil		Miles.	Per stage.					
From Rakhigpur to Omdur by Jazayera as follows:—									
General Officer Commanding Northern District, Akrosh-Nad	Director of Roads.	To Rakhigpur above Khir.	18	1	141 6	Stony road.	One tank as above, 8 pools, water Khirab water good.	Stage and bedding place.	<p>80 houses, houses B 250 yards. At 1 = 2, Khirabore 18 houses, 1 well. At 3 = 1 f Jazayera 8 houses, 1 tank, beds at roadside, 7 khirab wells. At 8 = 2 f Jazayera 80 houses, 8 shops, 1 tank, beds at roadside. At 9 = Rakhigpur, 180 houses, 8 shops, 7 or 80 v. 1 tank. At 8 = Khirab, poor 60 houses, 1 well, 1 large tank, always water. At 10 = Dedder after crossing the Buzman river, of which is here 400 yards wide, will surely be 1 and a small stream of water, hardly 18 ft. wide, as 1/2 a foot deep, besides in its bed. Dedder has 18 houses and 1 shop. Country open; 8 or 9 may be saved between Khirabore and Omdur by proceeding by Our second khirab, but the road is heavy for carts and the Buzman here given is therefore recommended.</p>
	Political Agent at Fakhigpur.	Omdur.	18	8		Heavy stony road, with much jungle.	Small tank and 2 wells, water good.	Shops and supply.	<p>80 houses, houses Y in good and open ground. At 8 = f Buzman 20 houses, 1 tank (small), 10 khirab wells. At 8 = 2 f Jazayera 25 houses, 1 well. At 9 = 2 f Jazayera 220 houses, 22 shops, 12 wells, 1 tank, and good bedding place. At 10 = 4 f Akrosh, 20 houses, 1 shop, 1 tank, wells. Country bushy.</p>
			Total			170 2			

TABLE No 83 (2)

FROM BHOOJ TO DHESA, BY DOODYH, MOOANA, AND RAHDINTPOOR

FD-36 (Rev. 4-15-64) (This page to be filled in by the reporting office)

Activities		Section of Slope	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Single	Total				
			Miles Footings	Miles Footings				
General Officer Commanding the Western Division, A. H. H. H.	Political Agent at Muz	Along Government to Ry		12	5			Feb Table No. 23 (1)
		George	1.6	8	23	0	2 tracks, two tracks 8 steps at 30 wells, all good water	230 houses, country open, steep W
		McDon	1.2	8	26	2	2 wells, and 4 steps, tracks 2 of the fence, only good, the trailer not generally all fence	Situated in the N of the Muzon A. H., on the 67 houses, good surrounding ground N on the slope of a hill
		General road		2.5	2			

Authorisation.		Name of Stage	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage	Total				
Military	Civil		Miles	Parangs	Miles	Parangs		
General Officer Commanding Northern Division Assam	Political Agent at Pabnapur	Drought over Across the River to Vura	10	4	88	7	Good hard road till Kama presents no obstacle after the beginning of Aorun bar, which was an impassable river has fallen; between the Kama and Vura very easy	100 houses, mostly 8. At 4 m. 3/ of water upon Kama, which continues to 8 m. 8/ of where an island called Gudia. Gudia is a small island, covered with grass and small bushes but no water. In 3 1/2 m. and above the same distance long. Reaching again upon Kama, reach another island. Reaching here at 11 m. 0 1/2, 4 1/2 m. and of the same description as the other. Across Kama 18 m. 8/ of, which becomes hard and constant by December having a little sand between the islands. Country very fertile.
		Bakra	9	7	137	8	Good hard road, but good road	Large tank, but big low mounds
		Down Gaintamoni			70	0		15 houses, except 8 m. open ground. At 5 m. 3/ of. Distance, 40 houses, 1 tank of 8 mounds, water 4 good wells. At 6 m. No houses 100 houses 3 slopes, 1 well 3 tanks, 3 mounds water, country an open plain. Fule Table No 88 (1)
		Total 17 Marches			198	0		

Besides the passages across the Kama here given, there is another one lower down as follows —

Distance to Pabnapur	5 m. 8/
West bank of Kama	5 6/
First do. do.	5 4/
Vura	5 7/

Total 35 0

which shortens the distance nearly four miles but although the natives say that the Kama never dries up here, there seems to be a doubt of the fact, and in December 1937, it was even more deep than it is both on Kama and Vura.

Neither of the above routes have, however, any marked superiority over that by the Aranya Path No. 88 (1) which in ordinary seasons is recommended as the shortest and best for troops.

TABLE No 84  
FROM BHOOJ TO GUDDRA ON THE ISLAND OF KHURBER.  
GENERAL DIVISION, P.N.S.

Authorisation.		Name of Stage	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage	Total				
Military	Civil		Miles	Parangs	Miles	Parangs		
General Officer Commanding Northern Division Assam	Political Agent at Lunkali at Bhuj	From Bhooj Canton ment to Chokhara Wanawee	10	0	88	1	Good hard road	25 tanks, wells, 100 one only having good water
		Guddra	18	0	106	1	To Kancher, the Kama is 15 or 20 miles of mud and one or two of water, but was per- fectly passable for Ca- valry and infantry though not for guns to Kancher. It was not tough or so deep and the worst part was above to Kancher across a hill of 20 m., 100 yards wide with small mounds of mud which was crossed by mounds and horses.	25 tanks on the 2 1/2 m. and one 1 1/2 of which are in the mounds. The country of Guddra is a tank which runs down up and in which there is a well near N of the village
		Total			106	1		15 houses, except 8 m. open ground. At 5 m. 3/ of. Distance, 40 houses, 1 tank of 8 mounds, water 4 good wells. At 6 m. No houses 100 houses 3 slopes, 1 well 3 tanks, 3 mounds water, country an open plain. Fule Table No 88 (1)
		7 Marches						

TABLE No 85 (I)

## FROM BHOOP TO HYDERABAD, BY YINGUR AND RAOMA-KA-BAZAR

GENERAL SURVEY, &amp;c

Authorisation	Military	Civil	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
				Stage	Total				
				Miles	Perchages				
General Officer Commanding Northern Division, Allahabad			First Stage to Khatol Main.	3	11	0	11		A temple at which three rivers meet. At 8 m 2 f. Poonas tank, the most wide along the bank of the Khatol river, runs the First river at 8 m 4 f. occupying ground before the temple, under some leafy trees.
			Second Stage	4	6	14	11		Good country ground.
			Third Stage	12	3	26	14		Good country ground. At 12 m 3 f. there are the Khatol, which are taken for 1 m. There are always some trees in the Khatol. Other leaves, 1 m. take upon a tree of a variety called the Khatol or grass lands on which thousands of cattle graze. At 12 m 3 f. Khatol, a few trees. At 12 m 3 f. Khatol, a road and the stone wall visible, one in the Khatol on the left, another 12. The Khatol water, in some places, does not approach well at 2 m 7 and 3 m 5 of this road.
			Fourth Stage	12	6	38	20		In wet weather it would be muddy 2 m from the bank. At 12 m 6 f. under a bank of the Khatol a wide bank. At 12 m 6 f. under the Khatol, a road. The second quarter of a mile to right 21 wells, and a few fields in good condition. At 12 m 6 f. under a road 100 yards wide, in Khatol, 100 houses, and a small fort in some (the capital of the Khatol). Country excellent, and very cultivated; hills to right occupying 12.
			Fifth Stage	4	0	42	20		At 12 m 6 f. over 100 yards wide, on water bank, hills, lower hills to right on which there is a small fort. At 12 m 4 f. Khatol river, dry and rocky 80 yards wide with a good mud water in Khatol. 80 houses and a good mud wall. The small capital of the Khatol, with a small wall, one in the Khatol, and another 12. The small capital of the Khatol is to right 1 m. 30 houses with good water from one small well near cultivated.
General Officer Commanding Northern Division, Allahabad			Sixth Stage	11	11	53	31		A road to Khatol and another directly, good country ground near the Khatol. The small wall and rd on the 12th October 1848 by officers military of the 12th and two 12th Militia, with baggage, in the morning 1 m. morning hills on the 12th. At 12 m 10 m 8. Road 2 m hard road after which under the Khatol, some good water a good deal of water, 1/2 m. January 1849. At about 6 m past 1/2 mile in road, 12.
			Seventh Stage	11	11	64	42		

Carried over



[illegible]



Stage	4	0	100	0	Van, light road	100 yds from river, and 1 mile N.W.	100 yds from river, and 1 mile N.W.	Small village of Mysore (population 150), with 1 mosque and 1 temple on left bank of river with a white salimara and sand Country open with very sparse scrub jungle and 2 or 3 small fringed with trees, left bank high, right, low, stream about 800 yards wide (except require data from Koti Camp on bank)
Total	12	0	100	0	Tree had heavy road, but 4 m. below, metalled, but road from Koti Camp to river	Indifferent but plenty, from 100 yds and 2 miles N.W.	New supplies in abundance but little sugar and few vegetables, no grain	Capital of India (population 4,000) and once lay only on India (about 4 m. wide, but river has receded) with Post and Telegraph offices, dharmasala, dika and Collector's bungalow and 1 school, houses mostly palisade and many apple-storied, and plenty of salimara; near a restaurant, but abandoned from road. Track from right bank only a winding bridle path through thick low jungle along high river bank at 4 m. Thakur (population 200) with plenty of cultivation and palisade N.W. near river, then over sand along edge of substantial forest at 100 yds from river, both banks steep, 10 yds wide and 5 feet deep at ford (Feb 1901), this is 100 yds from road made when cultivation began, country well irrigated, round E side of cut to Durg, N.W., at junction of road to Karaikal and Mysore, but data except the proximity of a Mahadevi and above the same by its rocky stream. Camp N.W.

The following additions and alterations are made in "Routes in the Bombay Presidency, 1870"

Table No. 15 (2), page 43, "Sutarna," and Table No. 15 (3), page 46, "Jallip" and "Karnawara" should be shown under "General Officer Commanding Mad District, Madras," and "Agent Governor-General, Rajputana, at Mount Abu," &c. Insert note at foot of Table 231 (1), "Routes 217 and 61 are recommended instead of above route."

Insert note at foot of Table 217, "Rajkot to Jampur en route to Peshawar by route 61, is recommended to be used in future."

Revised Table 11 (1), page 31, for stage "Tatta" substitute printed slip "Syedpur and Tatta."

Table 87 (1), pages 170 and 180, for stage "Bhu" to Belu, insert "ride revised Table 85 (3)"

For Table 281, page 303, insert "ride revised Table No. 85 (3)."

Table 217, page 461, "column of stage" for "Rabrah" read "Ribra;" column of "road and soil" for "made road, soil black and red" read "metalled and bridged, land chiefly cultivated, partly grass, country flat, road partly planted with shaded trees;" column of "water" after "wells" add "abundant;" column of "supplies" after "shops" add "all needed supplies available;" column of "remarks," 1st line, before "dharma sala" add "good," and after "dharma sala" add "with an upper story for European rest-house."

2nd stage for "Gondoli" read "Gondali;" column of "road and soil" after "dirt" add "road lined with shady trees;" column of "water," after "wells" add "abundant," column of "remarks," 1st line, after "bungalow" add "and first class guest house."

3rd stage, column of "water" after "wells" add "and river," column of "supplies" after "shops" add "all supplies available."

Table 61, page 120, column of "stage" under "Dhorjee" add "B" after "P," column of "road and soil" for "a tolerably good road over a cultivated country, occasionally hard and rocky," read "1st class road," column of "remarks," 1st line, after "fort" add "and chief business city of province, with good travellers' bungalow, dharmasala and"

2nd stage for "Oopleyton or Oplata" read "Upleta," and add "B" after "P;" column of "water," 3rd line, erase "the" and in 1st line erase "are bad;" column of "remarks," 1st line, after "houses" add "travellers' bungalow," and erase "from a ford" in the 5th line to "bank" in 7th line, erase also from "pass" in 8th line to end of stage.

3rd stage for "Gondoli" read "Wairawra," column of "distance" for "8-1" read "11 m." "For total 231-2" read "229-7;" column of "road and soil" for "ditto" read "made road except for about 2 miles on approaching river Yina at Jaha, but there is no difficulty in crossing. Country flat and cultivated;" column of "water" for "Bhadri river and 2 mals," read "ditto;" column of "supplies" for "abundant" read "ditto;" column of "remarks" insert "a large village of 1,000 houses, travellers' bungalow, large dharmasala, good encamping ground. At 3 m. S.E. Markhadi, 70 houses; at 5 m. S.E. Jaha, 800 houses; at 11 m. Dandika 250 houses."

4th stage for "Katana" read "Katana;" column of "distance" for "13-6" read "9-0," "total 238-7;" column of "road and soil" for "Banwara, the country rocky and barren, but road tolerable" read "ditto," column of "remarks," 3rd line, erase "Wairawra at 4 m. S.E. and," and for "10 m. S.E." read "5 m. S.E."

5th stage add "B" under "Kundoni;" column of "distance" for "7-6" read "7-0," total 245-7;" column of "road and soil" after "ditto" add "but river Minni bridged;" column of "remarks" 1st line, after "fort," "travellers' bungalow, dharmasala, and good encamping ground all round" 2nd line for "12" read "300," and add at end of 2nd line, "at 5 m. Maloch, 200 houses."

6th stage, column of "distance" for "total 251-1" read "255 1/2," column of "road and soil" for "road rugged and" read "ditto;" column of "remarks," 2nd line, after "police" add "and Railway" Add "B" after "P" under



Accounts:-		Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil	Stage	Total				
		Miles	Perchages	Miles	Perchages		
Brought over			20	0			<p>for some 25 to 30 miles as marked by tall poles, the S part of the Ran being more subject to inundation than the N, and <i>Shower during winter season of rain</i>. Generally the part of the Ran consists of two level plain of brown sand, without a trace of vegetation, stretching to the horizon all round; but about the centre a possible depression covers intersected by brown sand ridges running N and W, the distance between them varying in width from 1000 to 2 miles, being one crest of orange-brown soil which cracks beneath the feet, the tops of these ridges are covered with very shallow figures 1 to 4 deep with no sides are washed into steep by a water course. The north part of the Ran is covered by occasional sprouts of tall grasses and the sand often speckled with infrequent stems of grass. The track is marked by skeletons of animals and birds, there are no cranes and but few kites, but there are some buzzards. The road is stiff and little, not a grass, now a ridge, now from E, now from W the water between it from very quiet in one day, except from S. The grass is at least very trying and mounds are constant. Ticks, ponies and camels are said to cross from Lhasa to Kham in 2 days in 2 hours, but the Ran is impassable except on foot after the S, W monsoon season, water being often waist high, there is not much traffic after March Kham (about Kache) leave Bhong with cloth and fruit, and bring back grain and food stuffs from Kham, most journey occupies 10 or 12 days. At S is S Kham in Bhong run Wang's fort in cities (see all customs toll houses) and at S is water and hills. Camp between tank and walls N.</p>
Kedley		19	8	115	0	<p>Heavy mud for 2 or 3 days but very good for grass except after rain</p>	<p>Tank 4 and 5 pools with water sweet and when dirt but rather muddy</p>
						<p>Plenty cattle no grass on vegetable, but flour and grain and inferior grain</p>	<p>Valley (population 300) in Hyderabad Col. Kachin with Fokan Thum, among trees in thick jungle, country around very poor. Road crosses mainly after the area of Ran S is wide short line of low sand hills covered with scrub which curve round over-circling and approach it again; at S is then trail off E N (average height 40) at 10 m. across river Gaud (15 wide and 1 water, bridge, a lowland flat, tops of scattered trees and thick scrub jungle (Rubi, S, Lupa and brick) built about 11 m. Another trail S is narrow, but not at the river, runs S Camp 1 on grass near wall</p>
Hydun		20	8	190	0	<p>Indifferent but fairly level, put in very heavy alongside</p>	<p>Considerable rice and sweet from double tank and 1 pool with</p>
						<p>Plenty cattle on grass of brick but did not bring plenty vegetables and livestock</p>	<p>Considerable trade centre (population 1,200), surrounded by hills, surrounded by brick and pool in very high between S and W, across canal (about W, Kham S) connected with river Gaud, both well-irrigated (best water, about 18 yards), with substantial brick walls of, stone (about 100 m), Kham, Kham and brick. For other country round hills wooded and cultivated. Grass 2 small crabs, there</p>
Carried over			114	0			



TABLE No. 85 (2).

FROM BHU TO HYDERABAD, BY KAORA AND RAHM-KI-BAZAR.  
ONE-WAY TICKETS ONLY.

[illegible]

Theodore Odell C. is a very young Murayby District, aged 15.

[illegible]

TABLE No. 85 (8).

## FROM HUJ TO HYDERABAD, BY LAKHPAT AND JUNGSHAH. I.

CENTRAL DIVISION, N.W.

AUTHORITIES		Name of stage	Distance		Road and Soil	Water	Supplies	REMARKS
			Stages	Total				
Military	Civil		Miles	Parangs	Miles	Parangs		
General Officer Commanding Bombay Division, Bombay.		Huj to Shikhar	8	0	2	0		Village of Myari (population 100) lying W. of dry lake among palms, rice and banana trees. with double-armed wall cultivated and fenced, houses of stone, tiled, mud-brick, and jagged, visible 4 m. W. First Sec. along straight road, at 3 m. Karli river, dry, at 4 m. Sakpal (population 170) with 1 m. to wall and cultivation; at 5 m. deep dry lake; at 6 m. deep dry lake with river wall on bank, at 7 m. Mount Vani (1,157) 8 m. N, hills S. road. Country rocky with scrub jungle. Churny by big well S.
		Majal	11	0	10	0		Village of Pover (population 500) on road had sand surrounding but little cultivated country; with 4 temples, 1 mosque, dharmshala and stone houses tiled. A 1 m. S. Shikhar river with village Murab 1 m. S.; at 3 m. country open, low hills with banana and sandstone, the hills S. approaching the road; at 5 m. past Mount Kachar (1,007) 1 m. right; at 4 m. mostly open from hills at 5 m. Shikhar village on another spur (population 200) with cultivation. 1 ponds with stone watering trough, stone houses tiled; at 7 m. Shikhar river again over uplands of scrub and frequent walls; at 8 m. Shikhar (population 180, with stone houses tiled and thickened, several walls and much cultivation), whence Shikhar road strikes W. Camp S. W.
		Nakhtara	12	0	21	0		Capital (population 5,000) Bharatpur with red Fort, Fort Officer dharmshala, ponds, school, 4 temples, 1 mosque and stone cultivation. 1 m. N. W. Mount Dhar (1,577) and 1 m. S. W. Mount Dhar (1,577). Village (population 1,000) with fort and stone houses tiled and good water, houses, 2 m. N. on high ground, houses of stone and tiled, with 1 m. with upper storeys and locally decorated. Good dharmshala mud-hill in oval place (2 x 3 m.); at 2 m. raised temple outside Fort's ruined hill (area 4 acres in extent), with purple in red ground; at 3 m. Kalabir village, K. Shikhar river, with brick houses, 3 m. S. in one way and ranges of peaks round for plateau rising steeply on rock (1,007) above, approached by flight of narrow steps, then several broken ground with steep banks and among which, at 7 m. Parnal village (with wood house, many trees and cultivation and small dry tank with narrow bank S.); at 8 m. Dhar village (population 1,000, plenty good water, cattle and sheep), with dry lake river (500 yards wide, with double armed hill with high mountain) these over rocky land to Lake Camp W.
		Chakla area			21	0		





[illegible]

General Officer Commanding Land Force at Karimnagar

Collector of Karimnagar, Karimnagar

DISTRICT		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks			
Military	Civil		Stages								
			Miles	Perchages	Miles	Perchages					
		Brought over ...	-	180	0						
		Var	24	0	17	0		Very good through and hard level and marked by posts with triangular boards at top	Duty and level at from 1 tank with 1 label, with 1 A and 2 by side	One sheep	A more level place in the Pan with 1 and 2 tanks, 1 deep and 1 short and 1 5 or 6 feet deep, 1 hole by tank at 8 or 10 (1 or 2) a triangular stone marker at 10 (1 or 2) 10 feet north of lower tank with 100 yards of clearing and 1 1/2 (1 or 2) Camp W tank
		Jala (or Nagalika)	24	0	181	0		Very good hard level with 100 yards of clearing and			

Very good strength and hard level and marked by posts with brass-bound boards at top

Very good hard path with occasional patches of mixed surface. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

Very good hard road parallel to the river

Fair, 1 mile road, road along water way over road

Dirt road and level at from 1 mile with 1 inch of water in 2 and 3 by side

Plenty, sweet water constant from the top. W. Gangra and the river and 1.5 miles in all. In 13 miles, there are 11 pits and 3 in all.

Plenty and good from Gangra river

Plenty from Gangra river. W. Gangra and the river and 1.5 miles in all. In 13 miles, there are 11 pits and 3 in all.

One day

Wheat barley and rice and sugar always green. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

All from Jala

Wheat and rice. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

A more high place in the river with a small stream. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

Capital (population 1,000) of the district. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

Village of Jala (population 1,000) with a small stream. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

Village of Jala (population 1,000) with a small stream. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

Capital (population 1,000) of the district. In 13 miles, there are 11 pits and 3 in all. In 13 miles, there are 11 pits and 3 in all.

General Officer Commanding Mad Division, Karwar

Collection of Karwar, Karwar

ADDRESS/TITLE		Name of Village	DISTANCE	Road and Soil	Water	Surroundings	REMARKS			
Military	Civil		Days	Total						
			Miles	Postage						
		Brought out		17 1/2	0					
		Bela	10	0	12 1/2	0	Indifferent, heavy mud	Flowing from Indian Government dam, these small tanks and a few kitchen wells	As above in small open tanks	Village of Byndal (population 900) with Post office and dispensary on left bank of Indus, and four rice cultivation. River bank steep left, slopes right but channel has changed lately and village now is 1 1/2 m. from it. At noon distance 3 miles to river 1 mile to other bank. Country open with few trees but chiefly cultivated throughout. Troops require flats from Katta to pass the river here, the main stream being 100 yards wide water width 3 m., but the passage is hardly ever used now. Camp 8 m.
		Byndalpur	4	0	18 1/2	0	Fair, light mud	Flowing from river and 1 garden well	From Byndal	Small village of Byndal (population 100) with 1 mosque and 1 temple on left bank of Indus, with a little cultivation and local. Country open with very sparse scrub jungle and 2 or 3 small fringed with labels left bank, left, right low stream about 100 yards wide, troops require flats from Katta (Camp on bank)
		Tatta	13	0	19 1/2	0	Very bad, heavy mud, but 4 m. locally metalled but road from Bela crossing is worse	Indifferent but plenty from 6 tanks and 3 wells	None appears as above except low fields to water and few vegetables as grass	Capital of taluk (population 4000) and once big city on Indus (then 4 m. wide but river has receded) with Post and Telegraph offices, Akbarabad, Gik and Golestan's bazaar and 4 schools, houses mostly mud and many upper storeyed, sand plus old cultivation; once a handsome but abandoned from within. Tank from right bank only a winding bridle path through thick jungle along high river bank at 4 m. Tatta (population 500) with plenty of oak trees and pool's well near river, then over dead sloughs of water at 1/2 m. based as m. Beyond river both banks steep, 60 yards wide and 3 feet deep at Gole (Pole 100) then 3 m. of rough bank, woods where cultivation begins, country well irrigated, road 11 m. side of way to camp V W as junction of roads to Kattank and Byndal. Tatta enjoys the privilege of a Municipality and shares the same by its filthy streets. Camp 11 m.
		Janghahin	16	0	21 1/2	0	Fair generally of light mud, in some places roughly metalled, all on side and along rail bridge	Flowing good and concrete from 1 well	As above at 1000	Village of Tatta (population 100) adjoining station on "V W Ry" with Akbarabad Post and Telegraph office and Military office. A low plain 3 m. from Tatta (Pole 80) cross way per dam. Road across a little plain of about 100 acres and at 1 m. a rocky ridge covered with trees and temples, then descends to a plain some 7 m. wide with common cultivation and tops of trees and interlarded by small and in office well shaded with trees at 4 m. XI or XII m. with 3 wells at 7 m. a patch of scrub, then over a brick bridge of 2 spans across a canal to a dam at 10 m. by a masonry, at 8 m. low bar and higher along ridge with good small patches of scrub at 10 m. a wide dry river bed crossed
		Occured over		21 1/2	0					



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Sind District, Karachi.	Political Superintendant at Karachi.	Brought over.....	...	80	2			enter the Runn, and at about 9 a.m. pass the spot where the Vingar and Bullaree roads separate. At about 20 m. enter another bote, which is well adapted for troops to halt on. The road continues over hard mud, till at about 28 m. quit the Runn and enter the Thar sandhills.
		To Hyderabad .....	110	4	.....	.....	.....	Vide Table No. 10. (1)
		Total.....	...	190	6			
		14 Marches.						

NOTE.—This is the best road into Sind for Artillery or troops of all arms, when the Runn is passable, which it generally is by the end of October. There are no sandhills, save for about four miles, and those of no great consequence. The Runn must be crossed in the night to avoid the glare, and working parties should be detached in advance to clear wells and prepare troughs, &c. Troops marching by this route across the Runn should start their baggage and camp equipage from Mirrooa well about 3 p.m.; the men following at 4, and marching steadily, with occasional rests, should halt for refreshment on a bote or grass island, about 29 m. on. Here, by previous arrangement, firewood should be ready, and coffee issued to the men. They should also take dry stockings, as, on entering the Runn, a tract of salt is passed, crystallized, and at least a foot thick; this is generally wet (a good deal of water 6th January 1885). Men are liable to be footsore if they continue the march with wet feet. Attention should also be paid to so timing the march across the Runn that the full moon be available.

TABLE No. 85. (2)

FROM BHOJO TO HYDERABAD, BY LUKPUT, BUDDERNA, AND MAHOMED KHAN-KA-TANDA.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Northern Division, Ahmedabad.	Political Agent in Kutch, at Bhooj.	Bhoj to Mankoo .....	7	0	Sandy and rocky road, passing near hills.	Wells and a river, which has always a foot of water in it.	Moderate.....	At 4 m. pass the hamlet of Jooruk, and close by, a narrow nullah, with 1 foot of water, abundantly bed 10 yards wide. Mankoo is a thriving village of about 800 houses, with much irrigation; encamp near the village.
		Mujjal .....	10	2	Soil rocky and sandy, and road very heavy all the way; hills on both sides.	47 wells, and large tank of good water.	23 shops, and moderate supplies.	At 4 m. 4 f. pass a small sandy river, with rocky banks and without water. At 4 m. 7 f. Poteo, a hamlet of 10 huts, on a rising ground. At 9 m. Anundal, another hamlet, with wells. At 9 m. 4 f. a small sandy nullah. Mujjal has 333 houses, is built on the brow of a hill, and is a rich place, 10,000 Brinjool bullocks could be got here on emergency; encamp on the W. country in the neighbourhood hilly and waving.
		Nakkurana .....	12	2	As above; pass several hills.	17 wells, and tanks containing ten months; 80 of the wells are good; all are drinkable for cattle.	222 shops.....	At 8 m. 2 f. Nakkurbetia, a few huts. At 8 m. 4 f. Anja, 178 houses, 25 wells, and supplies. At 9 m. 4 f. the Bokoer river, broad and without water. Nakkurana has 214 houses; a small raised fort. The country is well cultivated, and there are also several high hills; encamp close to village.
		Carried over.....	...	80	2			



Authority		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Parasangs	Miles	Parasangs			
General Officer Commanding Nagaland District	Collector at Imphal	Brought over			117	3		Two lakes. From Mitras to Garo at 30 m. the first 9 m. being over hills is liable to interruption after which grass, bamboo bushes and scrubby hill. At 13 m. 3/4 from Mitras there is a pool of fresh water but the only fresh water on the road. Mitras is mostly a mud bank, without houses, water or crops.	
		Simsoo	13	0	130	0	Dood across a level and plain covered with low scrubby hill. In places with low scrubby hill. In places with low scrubby hill.	Link and wells	Abundant. At 10 m. a small village with some shops. At 10 m. a small village with some shops. At 10 m. a small village with some shops.
		Bad term R. P.	11	7	141	7	Cleared road good as level but much is intersected by small for vegetation.	Plentiful and good from a tank to the N. from the tank and just before the tank one small well.	Abundant
		Hyderabad	71	0					At 10 m. a small village with some shops. At 10 m. a small village with some shops. At 10 m. a small village with some shops.
		Total			208	7			At 10 m. a small village with some shops. At 10 m. a small village with some shops. At 10 m. a small village with some shops.
		15 Marches.						At 10 m. a small village with some shops. At 10 m. a small village with some shops. At 10 m. a small village with some shops.	

Note.—The route is only recommended in case of the Road between Bhamo and Yung (Table No. 85) being unavailable. The difficulties caused in the crossing from Lohpui to Kottre and as the total weight of material that there is here here never (1) is (2) but it is not practicable and convenient for small travellers or small detachments. Should troops be sent it would be necessary to provide them with a route from Lohpui to Kottre, the route and possible routes round the head of the canal to Kottre after their need by grass and water supplies, if once the route is (1) water supply, the being helped at Kottre from Lohpui.

TABLE No 85 (3)

## FROM BHOOJ TO HYDERABAD, BY KAORA, BALLIARIE, AND WUNGA BAZAR.

GENERAL DIRECTION, N. N. E. &amp; S.

Authorities		Names of Stages	Distance				Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage		Total					
			Miles	Parasangs	Miles	Parasangs				
General Officer Commanding Nagaland District Imphal	Additional Sessions at Imphal	Along to Marwa well	-		48	01	Good road all the way with 48 m. road in the middle and 11 m. road in the middle.	None	None	See Table No. 85 (1)
		On the side with the tributary	11	0	59	01				
		Carried over			59	01				





[illegible]

TABLE No 87. (1)

FROM BHOOJ TO KURRAOHEE, BY LUKPUT, MUGGERBHE, AND TATTA.

CENTRAL INTELLIGENCE AGENCY

Ambulances		Names of Horses	Distances		Road and Soil	Water	Supplies	REMARKS	
			Stages	Total					
Military	Civil		Miles	Furlongs	Miles	Furlongs			
General Officer Commanding and District Officer	Collector of Karmahat.	Hazy to Katre		28	5			File Table No. 82 (3)	
		Lak	12	0	66	3	Clear road, good water level, hard and good, except where rain, remainder good over brown ground.	Water breakable and sandy	Country flat with some planted bushes and which contains grass
		Gomati	2	0	122	3	Good over brown ground	Scarcely and bad from a hole and just as it	
		Furber Gate	12	5	28	0	As before	Yam, yam in the field of a small which carries off the water of the Karmahat.	Post station on the Karmahat and Hazy Rao, 20 houses, and a post office.
		Carried over			122	0			

Authorities		Names of Places	Distances		Road and Soil	Water	Supplies	Remarks
MM say	Oril		Stage	Total				
			Miles	Footings	Miles	Footings		
General Officer Commanding Mad. District, Karmadake	Collector at Karmadake	Brought over		1 1/2	0			
		Maggies	18	1	18 1/2	1		
		Byrd Gokul Ah. Bhak in Wota.	6	8	188	7		
		Mira Lagrove	6	5	140	4		
		Regard in Gals	6	8	187	7		
		Mayha	16	0	164	7		
		Karmadake	80	71				
		Total			224	21		
		22 Maroon						

Notes.—The best road from Mayha to Mayha is by Nagpur, Bhamra Bazar and Paddana. 11 1/2 miles to Nag. (1), 20 (1), and 13 (1)

TABLE No. 87. (2)

## FROM BHOJO TO KURRACHEE, BY MHUR, KOTASIB, AND OOPLANA.

GENERAL DIRECTION, NW. BY W.

Authorities.		Names of Stages.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.		Total.					
			Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Northern Division, Ahmedabad.  Political Agent in Kutch at Bhooj.		From Bhooj Cantonment to Mukna.	9	5	9	5	Rocky and stony road, over small hills.	4 wells, all of good water.	None	At 3 m. 5 f. pass Joruk river, 25 yards broad, 1 foot water; a good cart-road across it; between the 4th and 8th m. several small mules; the Karos river on the left. Mukna has only 18 houses; the country about it is hilly, broken, and stony; encamp near village.
		Budlee .....	9	5	18	2	Country hilly, but road tolerable, and better than last stage; the several rivers and mules do not present obstacles.	20 wells, 5 tanks, lasting eight months; 16 wells containing good water.	10 shops	At 1 m. 5 f. pass Kak river, where there is always water, but bad; a good road across. At 6 m. 3 f. Kontur river (small). At 7 m. 1 f. a river, 30 yards wide, 3 feet deep, with hard bed, and a good cart-road over it. Budlee contains 100 houses, and the country around is pretty well cultivated; encamp E.
		Mookulsee Arrul ...	10	7	30	1	For the first 6 m. wading; road good but sandy, and sometimes heavy.	23 wells, and 2 tanks, and the Arrul river, good enough for cattle; 11 wells are good.	Limited; 3 shops.	At 2 m. 5 f. pass the small river Bhooj, with salt water and a good road over. At 6 m. 2 f. a tank, with water always. At 8 m. 4 f. Lakorewera, 60 houses, 3 shops, 12 wells, chiefly brackish. At 7 m. 1 f. Bookies river, very sandy, 80 yards wide; no water. Mookulsee Arrul has 77 houses; encamp E. of village. Country open.
		Moocoo .....	10	2	40	3	Hard soil and good road; the Arrul river no obstacle.	17 wells, 3 tanks, lasting for eight months; 10 wells containing good water.	Scanty	At 1 m. 0 f. Jogee Arrul, 68 houses, 3 shops, 2 tanks, 15 wells, on a river 60 yards wide, rocky, and has always water. At 5 m. 5 f. Chirald, 18 houses, 3 tanks, 3 wells. The country near it is poor, and in some places salt; low hills on both sides of the road. At 6 m. 3 f. and 7 m. 2 f. pass two rivers, about 60 yards wide with good water, running into each other. Moocoo has 85 houses and a small fort in ruins; open country around and good pasture ground; encamp on all sides, except the E., where the rain water lies.
		Mhur .....	16	2	56	5	Road stony here and there, but good.	8 tanks, generally lasting all the year; 6 wells of good water, and a spring with abundance of water, but a little tinged with alum.	30 shops; vegetables are procurable, and supplies.	At 4 m. 4 f. pass Amara, 20 houses, 2 tanks and 3 wells. At 5 m. 2 f. Karn Kasmim, a noted Peer's place, on a rocky river and among large trees, with a spring of good water. At 6 m. 6 f. Kaxapa, 40 houses, 8 of a river of good water. Mhur has 226 houses, and is celebrated for its alum, which is here dug in great quantities from pits; encamping ground NW. The country around is hilly.
		Sannandrow .....	12	4	68	1	Hard open road, but stony near Mhur.	3 tanks, lasting six months; 3 wells, water drinkable; a brackish river E. of it.	3 shops	At 5 m. 3 f. Asandree, 10 houses, 4 wells, and a small river E. of it. At 8 m. 3 f. Bittaree, 20 houses, one tank and river. Sannandrow has 81 houses. The country is poor and uncultivated.
		Kotasir .....	19	2	87	3	Road hard and open	3 kutchas wells; and water is brought from the large tank at Narraistr.	7 shops; supplies chiefly brought from Narraistr.	At 3 m. 1 f. Mendree, 19 houses, and 1 tank. At 5 m. 4 f. Godardar, 20 houses, 1 tank, and a mulla W. of the village, in which water is to be had by digging. At 15 m. 4 f. Bay, 11 houses, 3 tanks, 1 well of good water. At 18 m. Narraistr, which, although there is no good encamping ground, is a better place to halt at than Kotasir. Narraistr is a celebrated religious place, with several
		Carried over.....				87	3			

General Officer Commanding Mad District, Kurnool

Administration		Name of Stage	Distance		Road and Brid	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles.	3 stages				
			Miles.	3 stages				
		Brought over		87 3				temple inside a well built fort (wall) and a large tank which has always water; 170 houses 10 stages 3 wells. Pass over a sandy tract to Katuru which is situated on the mouth of the Kuruu or eastern branch of the Indus and has 63 houses and a temple of considerable note strongly built. The founder of Katuru is immediately under the large pagoda, which commencing with another 100 yards distant by a built survey way. Bands of 400 crutches are approach it, there being 10 to 20 feet of water, and a rate of 5 fms at a time (also but they are not go up to Lakur, and the cargo is then shipped in smaller boats for this purpose. There is a sandy bank about 3 or 4 fms outside of it, or it has only 3 or 4 feet at high tide and is dry at low. The Kuruu or river, has here the appearance of an arm of the sea and is about 4 miles broad. Ferry boats are kept on the left bank of the Kuruu
		Right bank of the Kuruu opposite Katuru	8 8	95 1	By water			
		Jaggan or Jagannath	23 0	118 1	Hard and level road	3 Lathas walls built up	None	70 huts. One four wheel with leather wheels about 2 1/2 fms from this place
		Changalpur	28 0	146 1	Ditto	From 3 huts to 1000 yds, bank of river in the village	None	Small village
		Lathas-in-Ghat	8 7	154 0	Good road	Abundant from the bed of the Indus river	Not by, 2 slopes	48 huts pass 12 huts on the road. The Katuru canal crosses the road frequently, shortly after leaving Changalpur plenty of good water to be had by digging a foot or two in its bed.
		Opkhan	11 1	165 1	Bad road interspersed by many creeks	Abundant from Indus	Moderate; all up	205 houses, pass numerous small huts on the road.
		Datta-in-Gate	15 7	179 0	Good road	3 huts walls	Scanty	201 houses. At 1 or 2 fms from Opkhan pass 1000 Gya in Gate, 50 huts, on the right bank of Indus, which is crossed here by ferry boats. At 6 or 4 fms from Datta-in-Gate a small village
		Ghat-in-Gate	15 3	194 3	Ditto	Abundant	Scanty 3 slopes	11 huts. Pass Ghat-in-Gate and Katuru pass small villages. At 5 or 6 fms from Ghat-in-Gate, a large village, on the Dattar canal; water and supplies abundant
		Ghat B	16 7	197 3	Narrow but good	Wells	Moderate; large very scarce	108 houses, travellers' bungalow and dharmashala; surrounding ground open and good to the west of the bungalow. Pass Ghat-in-Gate and at 4 or 4 fms from Ghat-in-Gate 70 huts, 20 slopes, and 3 huts walls
		At Katuru	87 3					Side Table No 12 (1)
		Total		301 42				
		18 Miles						

Note.—During the rains or inundation the route from Katuru to Ghat may be considered impossible; and even in the cold weather the long distance between Changalpur and Katuru without good water would prevent its being much used. The post route and Datta, Jagannath, and Lakur, usually travelled, is only 83 miles (side No 87 (1)). The best route for troops from Katuru to Katuru is by Datta, Jagannath, and Lakur, as follows:—

Road to Jagur (side Table No 85 (1))  
 Dattar (side Table No 10 (1))  
 Katuru (side Table No 12 (1))

Total 83 41

TABLE No. 88.

## FROM BHOOG TO MANDIVEE VIA DHUNOOE AND BURRA ASUMBIA.

GENERAL DIRECTION, SSW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civl.		Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
General Officer Commanding Northern Division, Ahmednagar.	Political Agent in Kutch at Bhooj.	From Bhooj Cantonment to Malspoor.	13 31	13 31	A well-made road through hills, not difficult of ascent and descent.	Abundant from wells, and the Malspoor river.	75 shops, scanty.	75 houses, 2 temples, and a dhurumala; country hilly on both sides, well covered with thin jungle; encompassing ground to the W. of village near the bank of Malspoor river. This village is situated about 8 f. on the left side of the road. At 8 m. 1 f. cross a dry nulla, breadth 10 yards, banks low, bed rocky, but passable for carts. At 8 m. 6 f. pass a waree and well about 8 f. on the left, water plentiful. At 6 m. 7 f. cross the Sunnoore river by a bridge, breadth 101 yards, bed sandy and rocky, banks low. At 9 m. 5 f. cross a nulla, bed sandy.
		Burra Asumbia .....	13 72	25 32	Made .....	Abundant from wells.	10 shops; supplies abundant.	270 houses, 5 temples, and a large dhurumala; country open and covered with thin jungle, cultivated ground on both sides of the road; encompassing ground to the N. of village which is about 4 f. to the left. At 5 m. 1 f. pass Dalara, small village with abundant supplies, and water from wells and a tank for 6 months, and cross the Malspoor river, sandy and rocky bed. At 5 m. 6 f. Dhunooe, 100 houses, 6 wells, a tank which soon dries, and the river. At 9 m. 3 f. a well of good water about 5 f. left. At 11 m. 5 f. Chota Asumbia, with one good well, and moderate supplies.
		Mandivoe (Bhooj Gateway). P.	11 4	...	An open, cleared road, but rather heavy from sand, and in several places confined by hedges.	Abundant from several wells and a large tank westward.	Supplies of all kinds in great abundance.	Has eight or nine thousand houses, and is the largest town in Kutch. The town is walled, oblong, and 2,040 yards in circumference; encompassing ground to the E. of town near Poora. At 3 m. 1 f. pass a dry tank and well of good water. At 3 m. 5 f. Jukna, small village with 4 good wells and a shop. At 4 m. 5 f. Tunwana, 160 houses, 5 good wells, 3 shops, and a small dhurumala. At 5 m. 0 f. cross Burroodee river, high banks, sandy bed, 33 yards broad. At 11 m. 1 f. cross Raknowtee river, or creek, sandy bed, affected by tide, and dry at low water. The palace at Mandivoe when not occupied by His Highness the Rao of Kutch can be used by travellers on payment of a small fee.
		Total...	...	...	30 72			
		3 Marches.						

NOTE.—Mandivoe is a seaport town, at which nearly all the trade of Kutch is carried on; boats of any size can approach it, and the largest ships have good anchorage in the offing, 3 miles out. There is no built wharves, and boats load and unload in the W. or town side of the creek, on a sandy beach. The creek varies in breadth from one to four hundred yards, the former of which is its width at the mouth. Its depth at high-water is from 12 to 18 feet, and the influence of the tide extends but for a very short distance beyond Mandivoe, where the road crosses it in the above route; it is only 2 feet deep at high tide. There is a bar at its mouth. Troops generally disembark outside the creek and to the E. of it, on a sandy beach. The ground about Mandivoe is favourable for encamping though sandy. There is a ridge on both sides of the town, on or over which regiments may encamp, having the advantage of water close. For a regiment to embark or to stay any time, the W. is the preferable side, as the men are out of their supplies on the E. side when the creek is filled. For a regiment disembarking and proceeding to Bhooj, the E. side is more convenient. Mandivoe is considered particularly healthy, and is well adapted for convalescents. European travellers can put up in the palace, when not occupied by H. H. the Rao on payment of a small fee, which is on the works, and faces the sea.

TABLE No 89

## FROM BHOOJ TO MOONDRA.

GENERAL DESCRIPTION, 1861.

General Officer Commanding Northern Division, Ahmedabad.

Political Agent at Kutch at Bhoj

Authorities		Names of Stages	Distances		Road and Road	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
		Bhoj to Kakra	13	11	13	11	Good road, except on the top of the ghats, where it is rocky, the road is in good, though a little steep to Kakra it is rather sandy, and passes over several small wells.	9 wells, and the 9 stages; supplies of vegetables are procurable, there are considerable quantities of grain.
		Kakra Ghat	11	8	24	19	An open, good road, though towards the end of it, country is Bhoj river, made being, and barren, it afterwards sandy. Cross several dry wells.	4 wells, 4 of which are kachas, a tank, but very small.
		Moondra	8	5	32	24	Steady road and road (the 13 wells all of which are kachas, a tank, but very small.)	At 2 m 0 f 2 stages 20 houses, 1 tank, 5 wells and a river W. water kachas, 150 yards wide, a hard sandy bed, low lands, and a running stream (the 13 wells in the same, comparatively open. At 8 m 6 f 2 tanks, 127 houses 2 tanks, 14 wells, 7 of which only are good, vegetables procurable. At 7 m 4 f cross the Bhoj river, 450 yards wide. Moondra is a walled town, upwards of 2 1/2 m in circumference, in good repair, containing 1,200 houses. To the W. there is a dry river, across it runs the garden and trees. Behind the town, a wall enclosed and open neighbourhood and a strong on all sides but the W.
		Sender	8	1				There is a hard and good cart road (the 13 wells 800 yards of the Bhoj river, which is flooded at spring tides and being always muddy sand on a lowland measurement. The road is upwards of half a mile long and about 100 yards wide in depth it varies from 8 to 12 feet and the sides of spring tides is 5 feet. The navigation is from the Gulf in winter only but the boats of the coast are disabled, then, it is the land on both sides covered with bushes, which, when the tide is up, are half under water, at low tide it is completely dry. Moondra can never be a place of great trade, on account of its distance from the sea. A boat of 800 canisters daily takes, can come up to the Bhoj river in spring tides, at all other periods none above 100. There is a bar, on which there is 8 feet of water.
		Total			86	31		
		8 Marries						







Authorities.		Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
	Name of Stage.	Stage.	Total.				
Military.	Civil.	Miles.	Paras.	Miles.	Paras.		
During the rainy season the following route between Mervat and Ry-Lote is better than the above, being over a harder country:—							
General Officer Commanding Northern Division, Allahabad.	Political Agent at Ry-Lote.	To Mervat as above.	—	87	0		
		Amrohtara	13	0	115	0	Wells ———— Abundant 78 hours. At 7 m. pass Kachra. At 11 m. Kachra, 50 hours, well, and tank; supplies scarce.
		Dotan	8	0	123	0	Threatened from river. Wells 30 hours on river. At 4 m. pass Walsan, 40 hours, water, and abundant supplies.
		Gaurdhar	8	0	131	0	Abundant 3 shops 45 hours. At 2 m. pass Jalla, 80 hours, water and supplies abundant.
		Ry-Lote	7	0	—	—	Abundant Large town and settlement.
		Total	—	—	133	0	
		13 Mervat.					

TABLE No. 92. (1)

## FROM BHOOJ TO SUKKUR, BY BUDDEENA, ALLIARRA-TANDA, AND NOWSHARA.

GENERAL DIRECTION, N.W.

Authorities.		Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
	Name of Stage.	Stage.	Total.				
Military.	Civil.	Miles.	Paras.	Miles.	Paras.		
General Officer Commanding Sind District, Karachi.	Collector at Hyderabad.	Miraj to Vupar	—	67	0		Table Table No. 65. (1)
		Gandhi Hyderabad-Kh. la-Tanda	74	31	141	31	Table Table No. 10. (2)
		Ry-Lote Buddeena-Gate	17	31	158	6	Good elevated road, partly through thick jungle, and much cut up by ravine. Wells ———— 3 wells ———— 3 shops, pass, outside on bridge; supplies abundant.
		Alliarrat	11	31	169	0	Good elevated road, 8 m. as before, rest across a hard plain. Wells ———— 3 wells ———— 3 shops, abundant.
		Walsan-Tanda	9	0	178	0	Good road level and good through cane fields. Wells ———— 3 wells ———— 3 shops, abundant.
		Carried over	—	—	187	0	

Authority		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Parasangs				
		Brought over		180	0			
		Palango	12	8	308	84		Good cleared road and good
		Khalafzi or Bafkiz	8	1	316	85		Abundant good from the Ganges and wells
		Newa Hale B F	18	14	334	1		Good cleared road, but heavy and muddy and crossed by many water cuts (dry) and the halting place, at noon
		Hyndabad R.	11	1	345	2		As above, growing eight watercourses
		Baidikand B F	11	2	356	4		Good cleared road, but muddy, over level country, with thin jungle and water-cuts, some bottom watercourses
		Lomra Gola B	18	0	374	4		Good cleared road through thin jungle, over 10 watercourses
		Dewatigore B F	18	1	392	5		Good cleared road through level country, some shallow watercourses, sandy and heavy in some parts
		Alma B F	18	0	410	5		Good road and cleared, but crossed by 18 watercourses, some of the banks of the principal ones steeped down
		Mawdiana B F F	18	4	428	9		Cleared and good, but heavy place near 3 miles N by E, some thirty watercourses, banks steeped down
		Lachin	18	8	446	17		Cleared and good, no water-cuts
		Cleared over			464	24		

**Illinois) Officer Cunningham Had Dashed, Karpis**

Architect.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stage.	Total.					
			Miles.	Paras.					
		Brought over.....	---	830	0			shops, a small river, etc. At 9 m. 4.5 p.m. the head of a river, about 2 1/2 miles. At 10 m. 1 1/2. Mangala-Tanda, 25 houses, 8 shops, 4 ponds, wells, and numerous knolls. Fine numerous shrubs on the banks. Post office at Banda.	
		Hydrabad .....	10	0	840	0	Clear and very good.	Wells, large dam west of the town and well.	Travellers' bungalow, Government, and Police station, large village, and good surrounding ground.
		Mangalore .....	10	0	850	4	Clear and good.	15 wells, and numerous knolls, and a well.	100 shops, 500 houses, about a mile to the left, occupying ground at some distance N. Country richly cultivated.
		Raneepore .....	10	0	860	4	White .....	Plentiful .....	Moderate .....
		Patilpore, or Pato Injor .....	11	0	871	4	White .....	Excellent from wells and a tank .....	A large place.
		Lookano-La-Tanda .....	14	3	885	7	White .....	7 wells, and springs .....	Exceeding ground W. and good. At 4 m. pass Mangala-La-Tanda. At 8 m. 4.5. Pass Bhak, from whence through a dense, sandy tract. Near Lookano-La-Tanda pass the large town of Khyrpor on the right, among trees.
		Bere .....	15	3	898	1	White .....	Abundant .....	Abundant .....
		Over the river Lada in camp at Bellary S.P.T. ....	1	0	---	---	By water .....	---	---
		Total.....	---	---	471	0			The river Lada immediately above Bellary takes a sudden turn and comes in a NW direction, forming its way by two channels, of which the western is the most considerable; at the narrowest part of the latter the channel has a breadth of only 670 feet, but immediately enlarges to a breadth of 1,000 feet at the SW end of the fort of Bellary. The W. channel averages about 800 feet. In the triangular space between these channels, and which is 2,000 feet in length by 1,800 in breadth, stands the fort of Bellary. The river here runs with great violence, and its bed is very rocky. This road, from Kanchi, was cleared by Mr. A. H. Mares for the Troops in 1815 and 1816, since which time it has been generally in use.
		31 March.							

Note.—This is the best route for troops from Bellary to Bellary.

From Bellary to Hydrabad by Travellers' bungalow is as follows:—

From Bellary to Travellers' bungalow .. 6 A large place with Travellers' bungalow, Government, and medical dispensary.  
 Travellers' bungalow .. 11 A large village.  
 Hydrabad .. 1 Travellers' bungalow, Government, and Police station.

TABLE No. 92. (2)

FROM BHOJ TO SUKKUR, BY BALLIAREE, WUNGA BAZAR, AND ALLIYAR-KA-TANDA  
GENERAL DIRECTION, NEW.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Collector at Hyderabad.		Bhoj to Maroon Well	48 0	48 0	.....	.....	...	Table Table No. 81 (1)
		Duple .....	41 3	89 3	.....	.....	...	Table Table No. 82. (2)
		Wunga Bazar .....	28 3	117 6	.....	.....	...	Table Table No. 18. (3)
		Shaga-in-Deeds .....	25 1	142 7	.....	.....	...	Table Table No. 10. (3)
		High Talpore Kinnaree	15 8	158 5	Good and level road, but much cut up by watercourses.	Abundant .....	Abundant	Large village with a bazaar and good surrounding ground. Country partly cultivated, with some jungle, and some small villages.
		Shooken ABE .....	11 8	169 0	.....	A well with water brought in the village, one in the fort, and one in a small in the D.	Abundant, also Kango.	A small village on a canal, and a small fort, occupying ground indifferent. At 10 m. 4/2, near Maroon-in-Gate. At 20 m. 4/2, Duple-in-Gate. Country is better.
		Age Maroon .....	11 7	180 7	Good and level road, with the exception of a few deep water-courses; has been cleared and improved.	Abundant, from one large pond well.	.....	A small village in the west of the road, overlooking the bank of a canal. At 10 m. 7/2, near Lagguranga Gate, 8 wells, and 3 shops. At 20 m. 7/2, ABE Kinnaree, 3 shops. At 30 m. 7/2, Maroon-in-Gate, 1 shop. At 40 m. 7/2, Kinnaree Gate, 3 shops. At 50 m. 7/2, Chokkale Gate, 3 shops.
		Alliyar-in-Deeds S. P.	18 5	198 2	.....	Abundant .....	Abundant	A town with small fort, bazaar, bazaar, and surrounding ground. At 10 m. 7/2, near Maroon, 8 shops, 3 wells. At 20 m. 4/2, Maroon Kinnaree, 3 shops, 3 wells. At 40 m. 7/2, and 60 m. villages called Duple-in-Gate. At 70 m. 7/2, Duple-in-Gate, 3 shops. At 80 m. 7/2, near Kinnaree. At 90 m. 7/2, Chokkale Maroon.
		Shukar .....	27 7	225 9	.....	.....	.....	Table Table No. 83. (2)
		Total .....	—	401 4	.....	.....	.....	
		20 Karavars.	—	—	.....	.....	.....	

TABLE No. 93.

FROM BHOJ TO TOONA BUNDER, BY ANJAR.

GENERAL DIRECTION, NEW.

Authorities		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stages.	Total.					
Military.	Civil.		Miles.	Furlongs.					Miles.
General Officer Commanding Madras District, Karaikal.	Political Agent at Bhoj.	Chief to Karaikal	18	0	18	0	Good level road, though heavy in some places.	well of water, and tank water for the road.	14 houses and small bazaar, occupy near B; country flat and open near the road. At 5 m. 8/2, a bazaar. At 10 m. 7/2, Bhoj, 180 houses; water abundant. There is a large tank at the end, and 8 wells, 4 shops; supplies plenty; good surrounding ground B. and D. of the tank.
		Carried over			18	0			

Ambulances		Names of Stages.	Distances				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	Furlongs	Miles	Furlongs				
General Officer Commanding & Ambulances 1 Infantry, 1 Cavalry	Police and 4 gend. in bullocks at 20 m.	Brought over			18	0				
		Lyer	12	1	28	8	Very heavy sandy road over a plain with a few low hills.	112 wells, 18 of which are brackish to town, three to the B. rd., a tank with water all the year	Large house, and supplied with grass, &c. no insurance.	Walled town in good order, upwards of 14 m. in circumference, containing 2,400 houses, and a large banyan formerly built as a Mahomedan mosque. N.W. corner one of the old enclosures. Country to the B. rd., N. and W. undulating and open on all sides. At 5 m. 7 1/2 f. pass bungalow, 11 houses, a well and 2 tanks.
		Town	9	2	98	0	Good hard road over an undulating country, soil stony	20 wells, water pretty good	Very supplies	25 houses. The bungalow affords great facilities for watering, as it has a built pool, and troops can embark, drive to the bank on dry ground. The fort is about 300 yards from the bungalow and the creek runs close to it. The part of town on the hill rises about 300 feet above the bungalow. The hill is about 31 m. distant, and the road crosses from there to the B. rd. immediately north of the town the B. rd. of 1/2 m. is obstructed and nearly closed by plants, through which there are three channels with sufficient water to set out loads of a large size. At 1 m. 2 f. there is a river, 150 yards wide with J. & K. water, hard bed, and low banks; at 5 m. 8 f. 60 houses, 2 tanks, 3 wells; the river crosses it about a mile past a small river and 3 wells on the side of the road.
		Headquarters	1	0						
		Total				17	8			
		3 Marches.								

TABLE No 94.

## FROM BOMBAY TO DAPOOLE, BY KAGOTKA AND MIHAR

GENERAL DIRECTION, N. 27 E.

Ambulances		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Fathoms	Miles	Fathoms				
General Officer Commanding the 1st Division, Bombay	Collector of Customs at Aden	Bombay to Aden 1st water	30	0	40	0		Tank and wells	Unroad	An extensive village on the bank river, good scenery, and a good travellers' bungalow. 1 mile from river is a small river. A row of twelve huts at night table.
		Longtara	9	1	59	1	Good sandy road over an undulating country, soil is very hard, and is very dry, and is very hard after rain	Tank	None	Small village, occupying ground all round, and in dry weather also near the river. At 1 m. 1/2 f. pass Chakras, a few houses and a well. At 3 m. 1/2 f. bungalow 16 houses and a well. At 5 m. 1/2 f. more the houses are Bhagwanji river, probably in the dry season, as the season comes the river is at the town of Kaptana. At 1 m. 4 f. Bungalow, 40 m. past a well, a river. At 3 m. 8 f. top of Bungalow hill, a long but very good, and a well. At 5 m. 8 f. hill, 20 houses and a well. No supplies at these villages.
		In hypoco	8	9	67	1	Ditto	Wells (tank, salt water) river		Travellers bungalow, and good but rocky on crossing ground near it. At 2 m. 7 f. cross Katar or Khamdahan river; at 3 m. 8 f. hill, at 4 m. 7 f. houses; at 5 m. 8 f. Bhagwanji; at 6 m. 8 f. Vavoo, at 7 m. 0 f. Patal; at 8 m. 12 f. do, at 9 m. 7 f. more good soil river, banks easy. No supplies at these villages.
		Carried over			68	4				



TABLE No. 94 (I).

## FROM BOMBAY TO BHEWNDY, BY TANNA AND KOLA.

GENERAL DIRECTION, NE, SE. BY N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.					
General Officer Commanding Bombay District, Bombay.	Collector of Bombay.	From Bombay Ca- thedral to Koorin P.	11	14	Made road.....	Abundant .....	Abundant ...	Large village and bazar. At 7 f. Marine Battalion Lines on the left. At 2 m. 2 f. the Jamsorjee Jogeebhoy Hospital. At 2 m. 0 f. the Byculla Schools on the left. At 3 m. Byculla Railway Station and the Rail- way Bridge. At 3 m. 2 f. Victoria Gardens on the right. At 4 m. 3 f. road from Gov- ernment House joins. At 5 m. 2 f. junc- tion of roads from Government House, Parrell, Woorlee and Dadar Station. At 5 m. 0 f. road to Government House, Parrell, branches off to the right. At 8 m. 7 f. pass Sion Fort on a hill to the right.	
		Tanna ..... B. P. T.	11	4	22	64	Ditto .....	Ditto .....	A large town, fork and travellers' bungalow, Head Quarters of the Collectorate of the Northern Konkan, detachment of Native Infantry here; encamping ground near the fort and tank. At 4½ f. pass Koorboodee. At 1 m. 0½ f. Ghatkoper. At 4 m. 6 f. Har- ralee. At 8 m. 2½ f. Bhandloop. At 8 m. 0½ f. Puda. At 10 m. 2½ f. Nowpara.
		Koh .....	11	4	38	51	From Tanna 6½ m. 2 kudcha well and a tank.	Scanty .....	36 houses; encamping ground N.-W. of vil- lage, cross the Tanna creek (436 yards wide, bed rocky) by a bridge. At 5½ f. Khulwakh, 20 houses. At 1 m. 0½ f. Kharoo, 30 houses. At 4 m. ½ f. cross the railroad. At 4 m. 6½ f. Moornra, 15 houses; the road passes along round the hill range near the creek. At 6 m. 1 f. made road to Panwell branches off to the right. At 7 m. 2½ f. a tank to the right of road. At 7 m. 6 f. Dowla, 75 houses. 4 shops, 3 f. left of road. At 8 m. 5½ f. Purla, 20 houses, 2 f. right of road. At 8 m. 7½ f. Mghree Deval, 30 houses, to the left, water from well. At 9 m. 2 f. pass a spring of good water to the right. At 9 m. 5 f. Yottalpada, 10 houses, and a well to the right. At 9 m. 0½ f. Patil- pada, 10 houses, 1 f. to the left, water from well. At 9 m. 7 f. Mahaterwally, 28 houses, 2 shops, water from a well. At 10 m. Tulopada, 7 houses. At 10 m. 2 f. a tank to the right, water indifferent. At 10 m. 2 f. cross a tidal stream 127 yards wide, bed muddy and sandy, nearly dry at low tide, 2 or 3 feet deep at high tide. At 10 m. 5 f. a tank to the left, contains water till March. At 10 m. 0½ f. Nura, 50 houses, 1 f. to the right of road. At 10 m. 0½ f. Ketry, 1 f. to the left, 40 houses, 3 shops, water good from a tank to the right. There is a hut here where country liquor is sold.
		Kallian ..... P. T.	0	12	39	74	Country cart road during dry weather, over black and red soil.	Abundant .....	Abundant ...
		Carried over.....	...	...	39	74			
General Officer Commanding Poona Division, Poona.		Collector at Tanna.							

Authority		Name of Region	Distance		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles Length	Miles Per day				
General Officer Commanding Forces, Myanmar, Prome	Collector at Tinnah	Brought over		28	7 1/2			<p>1 m 7 1/2 f. Beyond 10 houses, road here is steep. At 8 m 1/2 f. a creek, 10 houses to the left. At 8 m 20 f. a peak with of good water to the left. At 9 m. Perhaps, 20 f. to the left and about 1/2 f. to the right. At 8 m 2 1/2 f. a road branch off to the left and as to 1/4 m to the right. At 4 m 1 f. near Gaherle tank to the left. At 4 m 8 f. road to Tinnah branches off to the right. At 4 m 1/2 f. Tinnah, 20 houses, 1/2 f. to the right. At 4 m 7 1/2 f. a spring of good water, 1/2 f. to the left. At 5 m 2 1/2 f. road from Klu-see pass here. At 8 m 4 1/2 f. a wall in garden. At 8 m 4 1/2 f. a wall of good water and the road to Klu-see branches off to the right. At 8 m 4 1/2 f. pass a wall of good water to the right. At 8 m 1/2 f. road passes on the road; bridge. At 8 m 8 1/2 f. a wall of good water to the left and a low bank to the right. At 8 m 7 1/2 f. are a small bridge. At 8 m 1/2 f. a wall of good water. At 6 m 1 1/2 f. a tank to the left and a wall to the right.</p>
		Run by	4	4	Good wide road through an open country	Uncertain	Abundant	A small open town on a creek, fields at low water. At Minkoon River, the bed there is hard and gravelly, everywhere muddy. Over the river from halloo Prome Post Office here.
		Total	48	24				
		3 marches						

Notes.—Tropes of (over 10 and Klu-see) passed from Bhamo, the former by Route No 101 (I), and the latter by Route No 95 and 127



TABLE No. 95.

## FROM BOMBAY TO DEOLALEE, BY TANNA AND THE TULL GHAUT.

GENERAL DIRECTION, NE. BY N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stago.	Total.						
Military.	Civil.		Miles.	Furlongs.						
General Officer Commanding Bombay District.	Collector at Tanna.	Bombay Cathedral to Koorin.	11	14	11	14	Made road ..	Abundant ..	Abundant ..	Large village and bazar. At 7 f. pass the Marine Battalion Lines on the left. At 2 m. 3 f. the Jamsetjee Jeejeebhoy Hospital on right. At 3 m. 0 f. the Byonilla Schools on left. At 3 m. Byonilla Railway Station and the Railway bridge. At 4 m. 3 f. road to Government House, Parell, branches off on right. At 5 m. 2 f. junction of roads from Parell, Worlee, and Dadur. At 6 m. 0 f. road from Government House, Parell, joins on right. At 8 m. 7 f. 8 km, the fort on the hill to the right.
		Tanna .....	11	4	22	54	Through an open and cultivated country, road made.	Ditto .....	Ditto ..	Town, fort, and military post; travellers' bungalow. Post and Telegraph offices; encamping ground near the fort and tank. At 4 f. pass Koorbodee; at 1 m. 6 f. Ghazkoper; at 4 m. 5 f. Harralee; at 8 m. 34 f. Bhankoop; at 8 m. 31 f. Pada; at 10 m. 23 f. Kowpan.
		Bhorwady .....	0	4	32	14	Ditto ..	Tank and wells ..	Ditto ..	A small town with branch Post office. At 4 m. 14 f. pass Chivetta bunder, and cross creek by a ferry-boat. Country flat and marshy near ferry. The creek at high-water is about 200 yards wide; the channel is fordable from Tanna at low-water, but the bed is rocky.
		Dohain .....	12	0	44	14	Ditto ..	Wells ..	Limited .....	Good encamping ground; troops should encamp here in preference to Purga, on account of the water. Pass the Bhorwady creek close to the village, always passable; also the villages of Becmar, Chincholee, Borowlee, Wabolee, Tullowlee, and at 8 m. 6 f. Purga, large place, wells, and bazar. Cross numerous nullas in this stage; and at 10 m. 7 f. the Koombere river.
		Shapoor .....	10	0	51	14	Road much the same, but country more jungle; the jungle in some parts is thick.	Wells and Bhum- gro river.	Abundant ..	200 houses, and Post office; encamp near river, which always has water in it, and in the rains is a broad and rapid stream. Pass Koseemba and Tandloe, small places; and at 2 m. 6 f. Kusama, 100 houses, 3 shops, and wells. Pass Tulloo; and at 3 m. 6 f. Sarmalee river and village. At 4 m. 24 f. Wassind or Foot-chair, 100 houses, bazar, and wells. At 5 m. 2 f. Khatooloe, 80 houses. At 8 m. 1 f. Asungum; and at 8 m. 24 f. cross the river at the end of the stage. A great many nullas on this stage.
General Officer Commanding Poona Division, Poona.		Kurdee .....	11	24	65	31	Ditto ..	Wells and tank	Bazar .....	150 houses; encamp N.E. Pass on this stage the villages of Gogachur, Choorpoo, Poomda, Athgum, Koseemba, Kullungum, Lohla, Ghanda, and Combarthore, small places, none of them far from the road, with wells. Cross also a great many nullas and the Poomarra ghaut at about 4 m. from Shapoor.
		Carried over.....			05	31				

Authorizing		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles Foot-paths	Miles Foot-paths					
General Officer Commanding Frontier Division, Poonch.		Collected at Poonch							
		Brought over			60 00				
		Kanana P	18 0	77 00	Road up to road; not too bad, stream at road all bridged	Wells and wells also a tank dry in the hot season	Shear	50 houses and British Post office occupying ground h.R. The village is at the foot of the Tall Hill. The parish is through a mountainous country. From the villages of Galdana, Darnan, Chakranan, Bawal and Mahoran.	
		Top of the Tall Hill (Hill) Nigropan. B.P.T.	8 44	85 0	Extensive spade road with rollers and water courses all bridged; second very easy	Wells	Six stages at 10 fms. Poonch to 100 miles	Small place with travellers bungalow and Post office; occupying ground h.R. At 4 fms. commence ascent of the hill. At 3 a.m. 04 fms. station. From Kanana to the top of the hill is 4 a.m. 04 fms. and very easy for extra. From Tallypattin at 8 a.m. 04 fms. small village	
		Warra Wari	15 0	100 0	Make road bridged and kept in repair	Wells	8 stages	100 houses, and Collector's bungalow, situated at some distance from village. From Tallypattin to Darnan, Darnan river, Tallypattin, Tallypattin, and at 4 a.m. 11 fms. 80 houses & shops, weekly market, water from Darnan river. Also Kanana, Darnan, Mahoran, Nigropan, Darnan, small village on the same river; and at 11 a.m. 04 fms. 100 houses. Country cultivated a great many miles on this march	
		Dehliwan army Quarter General. B.P.T.	11 0		Country very road	Abundant	Abundant	Dehliwan British troops At 11 a.m. 4 fms. commence a short and easy descent. At 1 a.m. 04 fms. 100 houses at the foot of the hill. At 3 a.m. 04 fms. 100 houses to left. At 8 a.m. 04 fms. commence a short and easy descent, 11 fms. At 4 a.m. 11 fms. 100 houses, 10 stages. At 6 a.m. 04 fms. 100 houses 3 stages. At 8 a.m. 04 fms. 100 houses 10 stages, about a fms. to the right. At 9 a.m. 11 fms. 100 yards wide and steep banks low	
		Total 19 March		128 0					
		The route via Lami is as follows —							
		From Bawal to Warra Wari. B.P.T.	13 0	141 0	Make road	Plentiful, Galdana, Poonch, all very river		As above.	
		Dehliwan Quarter General. B.P.T.	7 0	148 0	Do	Abundant	Abundant	Large town; Post and Telegraph office and travellers' bungalow with occupying ground near it, or near a large hill. From 3 a.m. 04 fms. Waddan river and at 11 a.m. 04 fms. Waddan river both bridged; also numerous wells. Country as before with small hamlets here and there.	
		Total		155 0				At 11 fms. cross the Waddan river (bridged) At 3 a.m. 04 fms. leave road to Bawal station and turn to the right. At 4 a.m. 11 fms. the Waddan river 80 yards wide and steep banks high. At 4 a.m. 04 fms. 100 houses, 10 stages.	
		11 March			155 0				

Notes.—The distances by rail from Bawal station to Dehliwan are 128 miles.

TABLE No. 96. (1)

FROM BOMBAY TO MAHABLESHWUR, BY NAGOTNA, MHAR, AND THE  
AMBEE NULLEE OR FITZGERALD GHAUT.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Single.	Total.						
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.	Collector of Colaba at Alibag.	Bombay to Mhar ...	...	...	80	2	.....	.....	.....	Fide Table No. 94. 175 houses, dhurumals, and travellers' bungalow; encamping ground S. At 1 m. 3 f. cross the Savitree river to Kondeota, 10 houses. At 2 m. 3 f. road to the Wurrunda ghaut branches off to the left. At 3 m. 1½ f. Kunda, 50 houses, 1 shop, and road to Wurrunda ghaut on the left. At 5 m. 7 f. Paria, 50 houses. At 8 m. 4½ f. cross a nulla 60 yards wide, bed sandy, delay of some hours after heavy rain. Made road to Chiplon branches off to the right from Poldapoor.
		Koladpoor or Poldapoor, B.	10	3	00	5	Made road .....	Abundant, from wells and river.	Abundant, shops.	
		Warn or Koomuroosee, B.	15	1½	105	0½	Ditto .....	Wells and nulls ...	None .....	
	Collector at Satara.	Mahableshwar, Malcoln Palt Church, B.P.T.	10	1½	...	...	Ditto .....	Wells and tanks ...	Abundant ...	A large convalescent station with several Government bungalows for sick officers; a large bazaar, dhurumals, travellers' bungalow, Post and Telegraph offices. The village and temples of Mahableshwar at the source of the Krishna river are about 4 m. from the church. Good encamping ground about a mile from the church on the road to Satara. At 1 m. 3½ f. pass Jewlee, 20 houses. At 1 m. 6½ f. cross the Koonra river, 47 yards wide (bridged) to Hurroose, 25 houses; the ascent of the ghaut commences here. At 3 m. 5½ f. Donnesoorree Khind. At 8 m. 4 f. a good spring of water. At 8 m. 5½ f. Tulnaka Dist, 20 houses, 2 wells. At 8 m. 7½ f. top of ghaut and road from Bombay point joins on right. At 9 m. 5½ f. pass the Protestant burial ground on the right.
		Total .....	...	...	110	...				
		7 Marches from Nagoina to Mahableshwar.								



TABLE No. 97.

## FROM BOMBAY TO MATHERAN VIA NAREL.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.		Stage.	Total.					
			Miles.	Furlongs.					
			Miles.	Furlongs.					
General Officer Commanding Poona Division, Poona.		Collector at Tanma.							
		From Bombay to Bhowndy.	...	...	32 14	.....	.....	.....	Tide Table No. 95.
		Kullian P.T.	0	4	33 54	Cleared road, but not kept in repair.	Abundant	Abundant	1 town with Post and Telegraph offices on the left bank of Oolasa river (crossed by a ferry), formerly the Mahomedan capital of the Konkan, but now much reduced; encamp near a large tank E. of the town. A large and good ferry boat here.
		Koolgaum	9	74	48 44	Do.	Wells and tanks.	3 shops	50 houses; encamping ground W. Dadapur Railway station E. of the village. At 1 m. 6 1/2 f. cross the Waldan river, 70 yards wide, banks easy, bed muddy. At 4 m. 5 f. Kansaer, 20 houses. At 6 m. 6 1/2 f. Khoowul, 10 houses. At 8 m. 5 1/2 f. Belolee, 20 houses, and cross the railway to Koolgaum. Cross 22 nullas in this stage.
		Narel	11	6	60 11	Do.	Do.	15 shops	100 houses, and Railway station about 4 f. left of the road; encamping ground NE. of the bank of the Oolasa river. At 1 m. 2 f. Khurwaco, 40 houses, 1 shop. At 2 m. 3 1/2 f. Chandholee, 15 houses. At 4 m. 5 1/2 f. Gornigum, 20 houses. At 10 m. Damut, 50 houses, 3 shops. At 11 m. 2 1/2 f. cross the railroad. Cross 58 nullas in this stage.
		Matheran Post office. P.T.	8	11	...	Cleared road, 10 feet wide; soil red and rocky.	Abundant	Abundant	A convalescent station with several bungalows; encamping ground to the W. of the Post office. At 4 f. cross the railroad to the station. At 6 f. the village of Narel. At 1 m. 5 f. commence ascent which is very steep and winding. At 4 m. 4 f. Ghurumash and a spring of good water. At 6 m. 4 f. top of hill. At 7 m. 3 f. bazar. At 7 m. 4 f. Police chowkee and Ghurumash. Ponies, palkees, and coolies, can be had at Narel.
		Total...	...	...	68 3				
		7 Marches.							

NOTE.—The distance by rail from Bombay (Boroo Bunder Station) to Narel is 53 miles. From Narel Station to the Post Office at Matheran is 7 m. 5 1/2 f.

TABLE No 98.

## FROM BOMBAY TO PEINT, BY JOWAR.

GENERAL DIRECTION, SE BY E

Author's use.		Names of Stages	Distances		Road and Soil	Water	Vegetation	Remarks
Military	Civil		Stage	Total				
			Miles	Perchages				
			Miles	Perchages				
General Officer Commanding Poona Division, Poona.		Bombay Fort	to	21 1/2	Wade road			File Table No. 95
		Bombay	13 3	45 25	Good road from half mile black surface to macadam road	Wells	Very scanty	From Ghoras, Kharad, Kharad, Kharad, and Kharad, all with wells, but no any place. On day 10, hills, with open ground and then jungle interspersed.
		Kyn	7 7	53 21	Generally good road to prevailing	Wells	Ditto	From Alexander Ghoras, Pind and Sengani, across the Wyndham in the near distance of 10 miles, near Kyn, and the Pind in 10 miles near Kyn. Between Sengani and Kyn, across the Pind river 30 yards stream. 11 and 12 p.m. not possible to ride. Country near hills and open jungle.
		Wyn P	0 7	61 14	First 3 m. good road, the rest red soil, black, and prevailing	Ditch and wells	Moderate	From Pind and Kyn, a small ridge is over at near end, on day 10, hills, black, 10 4/5 of 100, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Baira	13 0	74 14	8 m. of good road over black soil, the rest over black soil, not tolerable except the last 4 m., which is bad	Ditch and wells	None	From Pind, Kyn, Kharad, and Kharad, across the Pind river, hills, near Kyn, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Jowar	10 8	84 22	Good road for 7 m. then red soil, black, and prevailing	Ditch and wells	Moderate	From Pind, Kyn, Kharad, and Kharad, across the Pind river, hills, near Kyn, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Mahad P	9 0	93 22	Red soil, black, and prevailing	Ditch	Ditto	At 1 p.m. 4/5 covered gradually 100 yards. At 8 m. covered through narrow river, near Pind. At 9 p.m. 4/5 covered of 100 yards. At 11 p.m. 7/8 covered the Pind river, near Pind, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Udgaon	18 8	107 30	Red soil, black, and prevailing	Ditch and wells	None	From Pind, Kyn, Kharad, and Kharad, across the Pind river, hills, near Kyn, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Harad	9 0	116 30	Red soil, black, and prevailing	Ditch	Scanty	From Pind, Kyn, Kharad, and Kharad, across the Pind river, hills, near Kyn, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Kopar	18 0	134 30	Red soil, black, and prevailing	Ditch	Ditto	From Pind, Kyn, Kharad, and Kharad, across the Pind river, hills, near Kyn, covered in open approach by Kyn, and at 1 p.m. 1/2 hour, a small Wyndham river, good water, but possible for riding a small boat in the river.
		Quoted over		133 34				

Collector at Thane.

Collector at Thane.

(To be substituted for Table No. 99, page 199.)

REVISED TABLE No. 99.

POONA TO BOMBAY BY KHANDALLA, PANWELL, DYSIR-CHAPADA AND TANNA.

GENERAL DIRECTION, W.N.W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
Collector at Poona.		St. Mary's Church, Poona to Nigroo.	13	5½	Made road.	Sufficient.	Limited.	A small village. At 7½ f. pass the Arsenal. At 1 m. 6½ f. the Saxon Hospital and road to Ghosparie on right. At 2 m. 5½ f. cross the Moota river, bridged, and then pass the Judge's Court and residence and the Engineering College. At 2 m. 7½ f. road from Gausath Khind joins. At 3 m. 3½ f. road from the City of Poona joins here. At 3 m. 6½ f. road to Singhar branches off to the left. At 4 m. 2½ f. road from Holkar's Bridge joins on right. At 5 m. 1 f. Kirkos Post Office. At 5 m. 3 f. Kirkos Church. At 5 m. 6½ f. Kirkos Railway Station on left. At 6 m. 3 f. road to Holkar's Bridge branches off on the right. At 8 m. 5½ f. cross the Mala river (Dhoyee bridge). At 7 m. 4 f. road from Chakan joins on right and Dapoor village and garden on left. At 8 m. 4½ f. pass Kassewara.
		Wargam .....	10	5½	Do.	Abundant.	Abundant.	At 1 m. 2 f. the old road from Bhojapur joins on right. At 4 m. 2 f. the old road from Poonwale joins on left. At 7 m. 4 f. Talegaum Khind.
		Karlee .....	11	1	Do. with bridges and drains.	Do.	Limited.	A small village to the left amongst trees. Travellers' bungalow. The celebrated Caves are on the hill about 1 mile to the north of camping ground. At 3 m. Karmat. At 4 m. 2 f. Naigam. At 8 m. Kurkalla, a large village with Mangleddar's bungalow, a Post Office and Railway Station. At 7 m. Khamat. At 8 m. cross the Indrawnee river, bridged. The plain near Karlee is often flooded during the rains.
		Khandalla, R. R. ....	7	5½	Do.	Do.	Abundant.	A large village at the top of the Shero Ghat, Post Office, travellers' bungalow and barracks for 150 men. At 3 m. 5 f. pass Wal-wan.
		Wondal .....	14	1	Do.	Do.	Limited, but procurable from Chowk.	A small village with good encamping ground. At 1 m. 3 f. the descent of the Shero Ghat commences. At 5 m. 2½ f. Kam-poolce at the foot of the Ghat, branch Post Office here. At 7 m. 4 f. road to Penu branches off to the left. At 10 m. 1½ f. Khulapur.
Collector at Tanna.		Panwell (bridge at east end of town).	12	5½	Do.	Do.	Abundant.	A large place with Post Office; the bazaar is two miles from the bridge. At 3 m. 1½ f. Chowk, a large village.
		Dysir-Chapada .....	11	1½	Mooram road, with bridges and drains.	Well and a tank.	None.	13 houses; encamping ground to the S.W. of road, police guard and store for keeping Engineer's working tools. Pass through the town of Panwell. At 0 f. the road to Oolen bazaar branches off to the left. At 7 f. the road to Dysir turns north. At 3 m. 1½ f. cross a large nullah. At 2 m. 6½ f. cross another nullah, 75 yards wide, banks
		Carried over.....	...	61	14			

General Officer Commanding Poona Division, Poona.

Authority		Number of Bridges	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Parangs				
		Brought over	-	21	14			low, had sandy, to Aoyaguan 30 houses. At 4 m 71/2 houses. A Chavaca 40 houses. At 8 m 4/2 some houses were, built. At 9 m 54/2 houses. Volcano. At 10 m 57/2 houses. At 11 m 58/2 houses. At 12 m 4/2 some the Creek bridge, to Tabor, 307 yards wide bridge. 1 day. Volcano is a large village of 800 houses. 8 days. At 13 m 1/2. Water. At 14 m 75/2. cut road to Indian houses off to the right. At 15 m 11/2. Down 18 houses. country open to the right. range of hills to the left. continuing over 1 day.
General Officer Commanding Bombay Division		Thane P F	10	4	24	Mountain road with bridges and ditches	Abandoned	Unusable
Collector at Thane		Korin P	11	4	25	Mountain road	Ditto	Ditto
Collector of Bombay		Bombay Cathedral P F	11	4	25	Ditto	Ditto	Ditto
		Total	32	12	64			
		10 Mares						



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Poona Division.	Collector at Nasik.	Brought over.....	129	31	Road tolerable; red soil for 2 1/2 m., the rest black. The last 8 m. well cleared.	Tank and wells	Moderate	The principal town in the district. At 2 m. 3 f. pass Adoo. At 8 m. 5 f. cross the Damu Ganga river, bed rocky; good encamping ground on its banks, and at Pakt. There is a more direct road from Harsool, but only fit for foot passengers. Pakt is 8 m. 0 f. from the top of the Sawul Ghaut, a short and easy one, practicable for carts, and much frequented leading from Deemau to the upper country.
		Pakt .....	12	0				
		Total.....	141	31				
		13 Marches.						

TABLE No. 99.

## FROM BOMBAY TO POONA, BY TANNA, PANWELL, AND KHUNDALA.

GENERAL DIRECTION, ESE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.				
Genl. Off. Commanding Poona Division, Poona.	Collector at Tanna.	Bombay to Koorla .....	11	11	Made road	Abundant	Abundant	Vide Table No. 23. (1)
		Tanna .....	11	4				
		Dysir .....	10	0 1/2				
		Panwell .....	11	1 1/2				
		Woundal .....	12	5 1/2				
		Khundala .....	14	1				
		Karico .....	7	5 1/2				
	Collector at Poona.	Warganm .....	11	1				Vide Table No. 23. (2)
		Nigree .....	10	5 1/2				
		Poona Cantonment	13	5 1/2				
		St. Mary's Church						
		P.T.						
		Total.....	114	5 1/2				
		10 Marches.						

Authority		Name of Stage	Distance		Road and % L.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Trucks	Miles	Trucks		
		<p>The route from Lagos to Fussa by the Bikaner and Phagwara bridges is as follows —</p>						
General Officer Commanding Despatch Force	Civilian at Fussa	From Fussa to above	101	0				
		From Chitrak P.T.	73	4	-	Wade road	Abundant	Abundant
		Total			114	4		
		30 Miles						

The distance by rail from Bombay to Poona is 118 miles

TABLE No 100

FROM BOMBAY TO RUTNAGHERY, BY NAGOTNA, MHAR, AND CHIPLOOY

OPERATING PERFORMANCE IN THE

[illegible]





General Officer Commanding Belgaum District, Belgaum

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
			Stage		Total					
			Miles	Parangs	Miles	Parangs				
Military	Civil									
	Collectorate at Bahagheery	Brought over			164	7	Outside road with some steep and rough as a rule, latterly very bad.	River and wells	Moderate stage	At 11th village on the left bank of the Mastror river, which is crossed at the end of the stage, undesirable in the morning when At 2 m 1/2 pass Ambore. At 3 m 1/2 cross river to Makrota, a large village with wells and abundant supplies. There is a steep on the S bank of the creek. Boats can come up to high water. The river is fordable except in the noon. At 8 m 4/5 Makrota stage. At 11 m 1/2 Dugone to supplies.
		Pangone	12	2	167	1				
		Wall and Distances	10	6	177	7				
		Bahagheery (Bend)	9	7 1/2	-	-				
		Total	-	-	167	7				
		12 Marches.								

TABLE No 101 (1)

## FROM BOMBAY TO SURAT, BY BHEWNDY AND BUGWARA. (The Inner Route)

## GENERAL DIRECTION, N

Authorities		Names of Stages.	Distances				Road and Soil.	Water.	Supplies.	REMARKS.
			Stage		Total					
Military	Civil		Miles	Parangs.	Miles.	Parangs.				
General Officer Commanding Poona Division, Poona	Civilian at Tanna	Bombay to Kachha	11	14	11	14	Over low ground chiefly rice fields.	Wells and several deep streams.		See Table No 96.
		Tanna	11	4	22	18				
		Bhewendy	8	4	30	22				
		Mayoon	6	14	36	36				
		Grand over			36	36				
						30 houses, 200 yards W. At 1 1/2 across a creek 2-3 yards wide affected by the tide and admits small creek, powerful at high tide At 8/5 pass Bhewendy. At 1 m 3/4 Kachha.				

[illegible]



Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Primary	Ortl.		Miles. Per stage	Miles. Per stage				
General Commanding Bombay District, Ahmednagar.	Ortl.	Brought over		100 30	Gravel road	Tank and wells	Water	Large village; 1,000 houses with sand pits, glory and a dharmashala; extensive ground good. Ahmednagar's military and Police station. The survey station is 11/2 m. west. At 2 m. 8 1/2 f. cross the railway. At 4 m. 7 f. cross the Mitha river 70 yards wide, bed stony. At 5 m. 11 f. cross the Lohar, over 42 yards wide, bed high.
		Falder or Fudke P.	8 1/2	108 1/2				
		To Buxi	10 1/2					
		Total 29 Miles		120 1/2				

NOTE.—The above route has been surveyed and reported on as the best line for a main road, during all seasons. It differs from the cart-road in two places: first, from Mahesgaon to Bunde, where it takes a direct course instead of striking off to the left to the towns of Pimpur & Chaudhari, by which 8 m. & numerous difficult creeks and salt marshes are saved; the second, from Bunde to Bunde, crossing the river by which about 1 m. is saved and a difficult river crossed. In the present state, the road cannot be considered practicable before November, until which time the season has (see Table 101) to be prolonged.

From Bunde (Chauri Station) to Bunde (Dahli Station) by rail as 103 miles

TABLE No. 101 (2)

## FROM BOMBAY TO SUBAT, BY THE COAST, BASSEIN, AND DEMAUN.

## GENERAL DIRECTION, N

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Primary	Ortl.		Miles. Per stage	Miles. Per stage				
General Commanding Bombay District, Bombay	Ortl.	Bombay Cathedral to Bunde at the junction road to the Railway Station.	8 1	8 1	Gravel road, level	Abundant	Abundant	The road crosses the Pimpur and passes through the main street of the town, leaves the Governor's house at Pimpur to the right, at about 5 m. then road to Bunde branches off to the right. At 8 m. 1/2 f. through the Bunde Woods to the town of Bunde, on the S. side of an area of the sea, which is crossed by a fine crossing. 5 f. in length, built by the Ahmednagar local body; extensive fields beyond the town of Bunde.
		Mather	8 2	16 2	Good made road	Abundant, wells and a tank	Abundant	A large village 11/2 f. to the left, extensive ground is built 8 f. W. from the railway. At 7 1/2 f. pass Karaganga. At 8 m. 8 1/2 f. dharmashala and well. At 9 m. Pimpur. At 8 m. 8 f. Pimpur. At 4 m. 8 1/2 f. Bunde 100 houses and 5 shops; road to Bunde branches off to the right. At 5 m. 11 f. Karaganga. At 7 m. 11 f. Bunde. At 7 m. 8 1/2 f. Bunde.
		Chandevadar	8 7 1/2	27 1/2	Ditto	Good, from wells	A large	100 houses and a dharmashala, extensive ground 4 f. south of Bunde in case built. At 8 m. 8 f. Pimpur. 100 houses and a small lake. At 9 m. 8 f. Bunde Railway station and across the railway. At 4 m. 8 f. Bunde, 8 f. left. At 8 m. 4 f. Bunde.
		Grand over		27 1/2				



Authorities.		Names of Stages.	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Package-				
				in lbs				
				Package-				
		Brought over		21	2 1/2			
		Samson BP	0 0	22	2 1/2	By boat across the Abundant creek.	Abundant	A large town, with travellers' bungalow, 1 m from the landing-place. Cross at end of the run from Obankoum - a large ferry boat runs here.
		Sanapoua	11 0	33	2 1/2	Road generally hard and sandy, along the sea beach it is, therefore preferable in the rainy, but to avoid detentions from the numerous creeks it is advisable to travel between the springs during which many of the streams are with great rapidity and are dangerous, unless crossed with great caution.	Little	A large village; cultivated country. Cross a creek at the end of the stage.
		Dunaboua	0 4	33	2 1/2	Do to	Little	2 shops
		Seapoua	18 3	51	0 1/2	Do to	Do to	Moderate shops.
		Obankoum	14 4	65	4 1/2	Do to	Abundant, from a good tank.	800 houses and a good house - extensive mangrove ground to the D. near a large tank. At 8 m. 3/4 pass Sanapoua 40 houses, no supplies. At 8 m. cross Sanapoua creek to Macroum 100 houses, 1 shop, supplies abundant. The creek extends the entire distance from Sanapoua to Macroum, the price per gallon is under the 8 tank. It is fordable at low water, but flows rapidly, and must be crossed with care. At 6 m. 3/4 Sanapoua, 100 houses, water abundant, and 1 shop. At 6 m. 1/2 Abankoum 200 houses, water abundant. At 7 m. 1/2 Seapoua 100 houses, water abundant. At 8 m. 1/4 cross the Macroum creek, fordable at low water. good mangrove ground on the bank. At 9 m. 3/4 cross the Dier creek to Papeete, 100 houses, no supplies. The creek is before. At 14 m. cross the Service creek to Papeete, 200 houses with an old source of water on the W. shore to the bank; good mangrove ground at the 8 m. near a good tank. water and supplies abundant. Cross a creek to Obankoum fordable only at low water. At high water, large boats come up to the town.
		Seapoua P	0 3	61	1 1/2	Do to	Abundant tank.	from Moderate; 7 shops.
		Carried over		61	1 1/2			

Authority		Names of Slips	Distance		Road and Rail	Water	Supply	Remarks	
			Stage	Total					
Military	Civil		Miles	Package	Miles	Package			
General Officer Commanding Forces Divey, Poon	Collector at Thana	Brought over			21 71				
		Concepcion P	18	7	120 61	Good generally level and sandy, along the sea beach at 15, therefore preferable to the water, but to avoid difficulties from the numerous creeks, it is preferable to travel between the springs, during which many of the streams fill with great rapidity and are dangerous, and are crossed with great caution	Abundant	Abundant	A small fort and town of 500 houses on the S. bank of a broad and navigable river, Coon Kalamia or Wagonella creek to Chichia at 5 m 7 f 40 houses, no supplies. The creek is not fordable after heavy rain. At 8 m 8 f Coon Kalamia creek to Chichia, 80 houses, 1 shop, water abundant; creek fordable at low water. Cross two creeks to Chichia at 12 m 10 f. At 18 m 8 f 200 houses close to the beach, water abun- dant. Cross good water and look at 21, 8 shops and large abundant pool as crossing ground to 24 m, creek to Chichia. Cross the Chichia creek and a mile to 26, at 17 m 1 f 180 houses, creek as above. At 18 m 3 f 200 houses, 270 houses; water abundant 1 shop. Cross an easy mile to old Concepcion at 18 m 7 f 200 houses, 1 shop, water abundant.
General Officer Commanding Northern Division, Alameda	Postmaster, Pooncherry Governor at Daman.	Submarine southern suburb of Daman P	18	4	120 55	Ditto	Ditto	Ditto	The town is above to the fort on the SW side, and on the S. bank of the Pooncherry Creek, a deep navigable stream, never fordable, and 150 yards wide at the ferry. The N. and W. sides of the fort are washed by the sea, high water spring (18 m, 18 f 40) to and rise of tide 18 f. Cross Pooncherry river to Margat at 1 m 5 f 150 houses, abundant water 2 shops. The river is crossed by boat immediately on leaving Concepcion. At 4 m 20 f 200 houses, creek, fordable at high water only. At 7 m 3 f 200 houses, 200 houses, water abundant 1 shop. Cross creek to 12 m at 14 m 7 f 200 houses, 1 shop; water abundant; creek fordable at low water. Cross Kalya creek to 18 m at 18 m 5 f, 200 houses, water abundant, 1 shop. Creek crossed by boat, except at neap tides. Cross Kalya river to Margat at 15 m 6 f, 18 houses, water scarce; no supplies. The river is crossed by a boat and, navigable at high water.
		Concepcion	11	0	120 51	Ditto	Ditto	2 shops	200 houses and 200 houses. Cross Daman. Cross river to Old Daman. At 1 m 2 f a fort and suburb, with a bungalow in a garden, which can be occupied as a place for the authorities. At 3 m 8 f 200 houses, no supplies. Cross creek and Daman river to Kalya at 5 m 2 f, 100 houses, and a flour mill; water abundant, and 1 shop. River crossed by boat. At 8 m 8 f Coon Kalamia, 200 houses; water and supplies abundant. Cross Pooncherry creek to Concepcion.
	Collector at South	Subur P	8	5	120 71	Good good soil level soil sandy and level	Abundant from banks and water	Abundant	A town and battery, good occupying ground 8 m 10 f 200 houses and 200 houses. The town is on the Orange river, to which boats of 100 m 200 houses come at night to be from Concepcion (10 m) and leave the coast near which at 1 m run from Lameda. Cross the Orange river to Daman at 1 m, 80 houses, water abundant, no supplies. End of the river 10 m and rocky, 8 feet water at Daman. Cross the creek to Margat at 1 m 7 f, 200 houses, creek to Margat, water abundant, no supplies. Cross river and creek to 18 m at 8 m, 90 houses, water abundant; no supplies.
		Carried over			120 71				

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Railway.	Civil.		Stages.	Total.				
			Miles.	Paras.	Miles.			
General Officer Commanding Southern Division, Allahabad.	Collector at Benet.	Brought over .....	—	125	71	Road good, with the exception of a few holes 4 1/2 m. roll black.	From 12 stages .....	200 houses about 4 1/2 m. left; good surrounding ground till on right after crossing the Kaveri river. The creek is not fordable at the spring. Over three acres in and the Ben river at 4 m. nearly dried; no cleared ground for occupying on both banks. The creek and river are all fordable at low-water.
		Condors .....	10	4	125	81		
		To Benet .....	37	61	—	—		
		Total .....	—	—	101	8		
		18 Mares.	—	—	—	—		

TABLE No. 102.

## FROM BOMBAY TO TOONGAR HILL.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Railway.	Civil.		Stages.	Total.				
			Miles.	Paras.	Miles.			
General Officer Commanding Poona Division, Poona.	Collector at Poona.	From Poona to .....	—	23	25	Wells and a tank .....	From 12 stages .....	200 houses, surrounding ground is fields. The road passes through the forest and town of Benet. At 1 1/2 m. 5 f. road to Amravati branches off on left. At 2 m. 5 f. Paples. At 2 m. 5 f. cross a creek by a narrowway 8 f. in length. At 4 m. 1 1/2 f. Mandapgaon, 200 houses, 8 stages. At 4 m. 8 f. Benet Station and cross the Railway. At 8 m. 3 f. cross a creek by an iron bridge.
		Condors .....	8	41	29	61		
		To Benet .....	37	61	—	—		
		Total .....	—	—	101	8		
		18 Mares.	—	—	—	—		

NOTE.—By the B. and C. J. Railway from Bombay (Chhatrapati Shivaji Station) to Poona (P. Station) 1-23 miles, thence up the hill by a cleared road is 10 m.

TABLE No 103

## FROM BOMBAY TO THOMBAY, BY SION.

GENERAL DIRECTIONS, &amp;c

Authorisation		Name of Hospital	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Packings					Miles	Packings
General Officer Commanding Bombay Districts Roadways	Collector at Bombay	Bombay Cathedral to Sun	0	0	0	0	Kade road	Abundant	Abundant	Large village, the fort is on the hill to the right. At 1/2 past the Marine Lines on the left. At 2 = 1/2 the Deccan College Hospital on right. At 3 = 1/2 the Deccan Railway Station on left. At 4 = 1/2 the Deccan Railway Bridge. At 5 = 1/2 road to Government House. Parallel boundary off to the right. At 6 = 1/2 junction of road from Laxmi Vastan, and Dabur. At 7 = 1/2 road from Government House, Pardi, Jambur right. At 8 = 1/2 Chowan. At 9 = 1/2 Chowan road to Dabur junction off to left. At 10 = 1/2 Wadga. At 11 = 1/2 Kure. At 12 = 1/2 Agaveva. At 13 = 1/2 road from Mahara jama on left.
	Collector at Thombay	Thombay, and of Par	0	0			Dabur	Wells	A slope	125 houses and a Chhatra shikri; courtyard ground 1/2 X of Agaveva. Great a dead tree also having Sun by a quantity 1/2 in length. At 1/2 of the road turn to the right. At 1 = 1/2 past over the Chhatra courtyard 1/2 of 1/2 in length. At 2 = 1/2 of Chhatra, 100 houses, 1/2 slope. At 3 = 1/2 of Dabur. At 4 = 1/2 of Agaveva
	Total				15	0				
	3 Marches									

TABLE No. 104.

FROM DAPPOOLE TO BEEJAPPOOR, BY KOOMBARLEE GHAT, KURRAB, AND JUTT.

GENERAL DIRECTION, &amp;c.

Authenticity.		Station of River.	Distance.		Road and Rail.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
N.H. No.	Chil.		Miles.	Furlongs.						
General Officer Commanding Madras District, Madras.		From the Church at Papulapalle to Theerth.	10	31	10	81	Good cleared road over undulating country; some native bridges, soil red and rocky.	2 shops	285 houses; occupying ground N. At 2 1/2 f. over the Papulapalle river. At 3 m. 4 1/2 f. cross a small 30 yards wide. At 8 m. 7 1/2 f. across the main, and at 1 m. 3 1/2 f. cross again. At 5 m. 2 1/2 f. Koudumb, 40 houses. At 7 m. 2 1/2 f. well and channur. At 8 m. 2 1/2 f. Verna, 8 huts. At 8 m. 3 1/2 f. commence a short descent. At 8 m. 3 1/2 f. end of descent. At 8 m. 4 1/2 f. a well.	
		Thirupathi	11	31	21	31	None	None	None	30 houses. At 8 1/2 f. cross the Pannai river, 80 yards wide, bed sandy, delay of some hours after heavy rain. At 2 m. 4 1/2 f. cross the Jambun river, 70 yards wide, bed sandy, banks steep, a temporary bridge erected in the rear for 1 or 2 persons. At 2 m. 7 1/2 f. a well. At 3 m. 8 1/2 f. Yachun, 35 houses. At 4 m. 3 1/2 f. cross a small 40 yards wide, bed sandy, banks steep, delay of some hours after heavy rain. At 6 m. 4 huts, a large place, 200 houses, 100 shops, channur, Koudumb, Koudumb's last ferry and Police station; good houses were crossed on the bank near the bank. At 8 m. 2 1/2 f. cross the Jambun river, 200 yards wide, bed sandy, not fordable during high spring tides; and in the rain, a small ferry boat for 20 men here. At 8 m. 3 1/2 f. Koudumb, 40 houses. At 8 m. 7 1/2 f. Koudumb, 40 houses. Easy ascent from Koudumb.
		Chilpota (Latter) P.	12	0	33	11	None	None and river	200 shops; channur.	1,000 houses, channur, Police station, Madras District, Koudumb's coast, Pannai, occupying ground near Koudumb. At 1 m. 3 1/2 f. Dabul, 80 houses and a channur. At 8 m. 0 1/2 f. a well. At 10 m. 3 1/2 f. Pannai, 60 houses, 10 shops, channur, and bank. At 11 m. 0 1/2 f. cross the Pannai river, 200 yards wide, bed sandy; a ferry boat here during the rain and high spring tides. At 12 m. 1 1/2 f. Kapp, 180 houses. At 13 m. 1 1/2 f. cross the Koudumb river, bed sandy; a ferry boat here during the rain and high tide.
		Thiruvananthapuram	10	21	43	81	Made road, native bridges.	Do.	3 shops	175 houses and channur, occupying ground N. on the bank of the river. At 1 1/2 f. cross the Koudumb river. At 4 1/2 f. road to Koudumb, branches off to the right. At 2 m. Madras, 18 houses. At 4 m. 4 1/2 f. cross the Koudumb river (bridged). At 4 m. 8 1/2 f. Pannai (small), 80 houses. At 6 m. 3 1/2 f. Pannai (large) 180 houses, 1 shop; the Chappan river runs along the left.
		Carried over			43	81				

General Officer Commanding Madras District, Madras.



Antithesis		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Feetings					Miles	Feetings
General Officer Commanding Poona Division, Poona.		Brought over		181	7			Warm, 180 houses. At 7 m. 51 f. cross the Yash river 140 yards wide, low banks, bed sandy. Delay of some days after heavy rain. At 7 m. 7 f. cross a nullah 64 yards wide. At 8 m. 14 f. Bhatnagar's house 10 houses over 12 miles in this stage. Country open and arid.		
		Kanapur	18	14	188	04	Clear road and red.	36 walls	38 shops weekly market	A large village surrounded by a wall 285 houses 2 dharmshalas and school. Many big grounds in fields. At 1 f. across the cleared road from Kanapur to Kanapur At 13 m. 1 f. Bhatnagar's house, 10 houses. At 3 m. 24 f. Bhatnagar's house 1 m. in long, and road made. At 5 m. 51 f. Kanapur, 280 houses, 5 shops. At 6 m. 51 f. Kanapur, about 40 f. road made. At 7 m. 5 f. Kanapur 200 houses about 3 f. on right over 20 small nullahs in this stage.
		Handah	18	11	187	51	Clear road and black.	Walls	1 shop	200 houses about 2 f. to the right. At 1 m. 51 f. Kanapur 20 houses 5 f. on left. At 3 m. 24 f. Bhatnagar, 80 houses. At 5 m. 44 f. across the Kanapur river, 80 yards wide bed sandy, banks low. At 5 m. 5 f. Handah 180 houses 3 shops and a dharmshala. At 7 m. 5 f. Palsah 80 houses. At 10 m. 5 f. Kanapur about 3 miles long and road made. Over 18 small nullahs in this stage.
		Kagzi	8	04	186	5	Do	17 walls	18 shops, weekly market	400 houses about red dharmshalas; surrounding ground. At 3 m. 11 f. top of heavy ground. At 4 m. 41 f. end of plain descent very road made. Over 10 small nullahs in this stage.
		Kanapur	18	34	188	04	Do	Walls and nullah	3 shops	280 houses and a dharmshala. At 24 f. cross a nullah 14 yards wide, bed rocky banks low. At 44 f. cross cleared road from Kanapur to Kanapur. At 4 m. 24 f. across a nullah 180 yards wide bed rocky, banks low. At 5 m. 24 f. Chokkeshah, 100 houses 1 shop and a dharmshala. At 3 m. 44 f. across a nullah 14 yards wide. At 7 m. 51 f. across Kanapur's nullah, 80 yards wide. At 8 m. 2 f. Kanapur, 70 houses, 1 shop. Over 18 small nullahs in this stage.
General Officer Commanding Bangalore Division, Bangalore.		Jale P	8	04	178	71	Good cleared road, nullah walls black		18 shops, weekly market	A large village 800 houses, 2 schools. Dharmshala bungalow in a garden. A small fort with palace and a kitchen's kitchenery. At 14 f. across a nullah 27 yards wide. At 1 m. 41 f. across a nullah 36 yards wide. At 3 m. 5 f. across a nullah 23 yards wide. At 3 m. 5 f. across Kanapur's nullah 60 yards wide, bed sandy, delay of some hours after heavy rain. At 7 m. 14 f. across a nullah 40 yards wide. Over 5 small nullahs in this stage.
		Kanapur or Kanapur	18	8	187	51	Do	Walls and nullah	8 shops	800 houses. At 5 f. across a nullah 36 yards wide. At 1 m. 51 f. across the nullah. At 3 m. 7 f. across a nullah 23 yards wide. At 4 m. 7 f. across a nullah 67 yards wide. At 5 m. 5 f. across a nullah 10 yards wide. At 7 m. 24 f. across a nullah 40 yards wide. At 8 m. 7 f. Kanapur 280 houses 3 shops and across the Kanapur nullah 61 yards wide. At 10 m. 41 f. across the Kanapur nullah 40 yards wide. At 13 m. 21 f. across the Kanapur nullah, 80 yards wide. At 13 m. 21 f. across a nullah 70 yards wide. Over 5 small nullahs in this stage.

Authorities		Names of Stages	Distances				Road and Rail	Water	Supplies	Remarks
			Stages	Total	Miles	Package				
Military	Civil		Miles	Package	Miles	Package				
General Officer Commanding Madras District	Madras	Brought over			187	64				
		Collector at Bangalore	11	34	186	31	Cleared road	Wells	30 shops	800 houses, surrounded by a mud wall on empty ground near High Road to Bangalore. At 8 1/2 miles a well 40 yards wide. At 8 m. 3/4 a well 30 yards wide. At 4 m. 1/2 Bangalore 800 houses, 6 shops. At 6 m. 1/2 a well 15 yards wide. At 7 m. 1/2 a well 15 yards wide. At 8 m. 1/2 a well 15 yards wide. (From Bangalore to this stage)
		Collector at Kolar	13	34			Cleared road	Abundant	Abundant	Large village called from formerly the Madras Capital of the District, situated for the English. Inside of the walls: Post office, troops pay company near the bazaar, on the N. side, and in the low High Road the tower. The latter is most convenient for water supplies and shade, but is difficult of approach. At 9 m. 1/2 road from Bangalore on right. At 4 m. 1/2 a well 30 yards wide. At 7 m. 1/2 a well 30 yards wide. At 8 m. 1/2 a well 30 yards wide. At 9 m. 1/2 a well 30 yards wide. At 10 m. 1/2 a well 30 yards wide. At 11 m. 1/2 a well 30 yards wide. At 12 m. 1/2 a well 30 yards wide. At 13 m. 1/2 a well 30 yards wide. (From Bangalore to this stage)
		Total			311	64				
		18 March								

TABLE No 105  
FROM DAPOOLNE TO HURNEE.  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances				Road and Rail	Water	Supplies	Remarks
			Stages	Total	Miles	Package				
Military	Civil		Miles	Package	Miles	Package				
General Officer Commanding Madras District	Madras	From Church at Dapoolne to Hurnee	8	41			Made road	Wells	Abundant	A large village, 800 houses, formerly a bazaar and now a post-office, situated north of the bazaar; the latter is a narrow open road; I expect to be full of the NW road. At 1 m. 1/2 a well 30 yards wide. At 2 m. 1/2 a well 30 yards wide. At 3 m. 1/2 a well 30 yards wide. At 4 m. 1/2 a well 30 yards wide. At 5 m. 1/2 a well 30 yards wide. At 6 m. 1/2 a well 30 yards wide. At 7 m. 1/2 a well 30 yards wide. At 8 m. 1/2 a well 30 yards wide. (From Bangalore to this stage)
		Total			8	41				

NOTE.—The distance by sea from Hurnee to Bombay is about 84 miles



TABLE No. 106 (1)

## FROM DAPOOLEE TO KOLAPOOR, BY THE AMBA GHAUT.

GENERAL DESCRIPTION, &amp;c.

General Office Commanding Bangalore District, Bangalore.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS					
Military	Civil		Stages		Total										
			Miles	Furlongs	Miles	Furlongs									
General Office Commanding Bangalore District, Bangalore.	Collector of Bangalore	From the Ghaut at Dapoolie to Pannan	10	51	10	51	Good cleared road over undulating country			Table Table No. 104					
		Vegetable	11	51	21	51									
		Chiplan	12	51	33	11									
		Howards	10	51	43	51				Table Table No. 100.					
		Arrivee	5	51	48	71									
	Full Post Agent at Kolapore	Bangalore	11	7	59	61				100 houses and 8000 cattle; extensive ground W. At 1 m 8 f. Low's 30 houses. At 3 m 7 f. across the River river 150 yards wide, but nearly not fordable during heavy rain. At 4 m 1 f. Karballi, 150 houses. At 5 m 8 f. extensive ground of Kowaleksh glaucous. At 6 m 51 f. top of glaucous. At 7 m 71 f. Tumbulaksh water, 35 houses. At 8 m 8 f. across river to Kowaleksh, 80 yards wide, delay of a few hours after heavy rain. At 10 m 51 f. across the Bangalore river, 80 yards wide but nearly, delay after heavy rain.					
		Dynakshi	10	5	69	66	Cattle track	Wells and river	10 stages						
	Full Post Agent at Kolapore	Malappa's water junction of road from Bangalore	7	7	65	51	Dist.	River	From Bangalore	18 houses extensive ground W. At 1 m 6 f. extensive ground of Kowaleksh glaucous. At 2 m 7 f. end of ground and across the River river 150 yards wide fordable in November a heavy boat about 2 miles south. At 3 m 51 f. across water 40 houses and extensive ground of Kowaleksh glaucous. At 4 m 1 f. f. Water 100 houses 10 wells. At 4 m 51 f. top of glaucous (pump). At 5 m 1 f. f. extensive ground of Kowaleksh glaucous. At 6 m 1 f. f. end of ground and across river 15 yards wide. At 7 m 21 f. Kowaleksh.					
		Ambagani	7	51	72	0	Wide road for 24 miles of wells to the foot of the Amba ghaut. The road up the glaucous is a cattle track and very steep and difficult.		1 stage						
	Full Post Agent at Kolapore	Malappa's P	10	02	103	02	Country and track	Wells and river	Abundant 180 sheep	200 houses 8000 cattle; extensive ground on the right bank of the Ghaut river 200 of Uerillage. At 71 f. Tumbulaksh 15 houses. At 8 m 2 f. temple and well. At 8 m 51 f. Chitballi, 40 houses. At 4 m 51 f. 5 temples. At 5 m 11 f. across the Karballi river, 80 yards wide but sandy, delay of 8 days after heavy rain. At 7 m 51 f. Kowaleksh 40 houses.					
		Carried over			103	02									

Authorities.		Names of Stages.	Distances.				Road and Soil.	Water.	Supplies.	Remarks.
			Stages.		Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Bangalore District, Bangalore.	Collector at Bangalore.	Brought over	11	54	127	54	Clear road	Wells	10 steps	800 houses, surrounded by a mud wall; no company ground near Rajas Bahad's Stage. At 3 1/2 f. across a wall 40 yards wide. At 8 m. 3 1/2 f. across a wall 12 yards wide. At 4 m. 1 1/2 f. Bangalore, 800 houses, 6 steps. At 8 m. 3 1/2 f. across a wall 10 yards wide. At 7 m. 3 1/2 f. Bangalore, 200 houses, 4 steps. Cross 8 small wells in this stage.
		Tahsil at Channarayana	11	54	127	54				
	Collector at Kolar.	Brought over	13	54			Clear road	Abundant	Abundant	Large red soil, well tilled, formerly the Mahaswami Capital of the Deccan, situated for the splendid temple of the King's. Post office, troops very numerous near Bangalore or on the W. side, or in the Bar Bhat inside the town; the latter is most attacked as regards water supplies and roads, but is difficult to approach. At 8 m. 1 1/2 f. road from Kolar joins on right. At 4 m. 1 1/2 f. across a wall 40 yards wide. At 7 m. 1 1/2 f. old wall of Bangalore. At 8 m. 3 1/2 f. across Lakshmi wall, 10 yards wide. At 8 m. 1 1/2 f. Thiruvah, 200 houses, 10 steps. At 12 m. 3 1/2 f. Bangalore. At 13 m. 3 1/2 f. across the road from Bangalore to Kolar. Cross 8 small wells in this stage.
		Tahsil at Kolar	13	54						
		Total			241	108				
		18 Miles.								

TABLE No. 106.

## FROM DAPOOLIE TO HURNEL.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.	Distances.				Road and Soil.	Water.	Supplies.	Remarks.
			Stages.		Total.					
Military.	Civil.		Miles.	Fathoms.	Miles.	Fathoms.				
General Officer Commanding Bangalore District, Bangalore.	Collector at Bangalore.	From Church at Dapoolie to Hurnel Hurnel. H.P.	5	44	5	44	Mud road, rather rough.	Wells	Abundant	A large village, 800 houses, surrounded by a mud wall; no company ground near Rajas Bahad's Stage. At 3 1/2 f. across a wall 40 yards wide. At 8 m. 3 1/2 f. Bangalore, 800 houses, 6 steps. At 8 m. 3 1/2 f. Bangalore, 200 houses. Cross 8 small wells in this stage.
		Total.	5	44	5	44				

Note.—The distance by sea from Hurnel to Bangalore is about 84 miles.



Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Package	Miles Package				
General Officer Commanding Madras District, Bangalore.	Civil	Brought over		100 00	Country not track fit for Dapkin 8 miles of a road made with dry soil over all the route.	None	None	60 houses, including ground W. At 24/ cross the Chikla river over a wooden bridge. At 25/ Yelagutta 60 houses. At 26/ cross the Ambur river over a wooden bridge. At 27/ Dapkin 60 houses. At 28/ cross the Ambur river over a wooden bridge. At 29/ Dapkin 60 houses. At 30/ cross the Ambur river over a wooden bridge. At 31/ Dapkin 60 houses. At 32/ cross the Ambur river over a wooden bridge. At 33/ Dapkin 60 houses. At 34/ cross the Ambur river over a wooden bridge. At 35/ Dapkin 60 houses. At 36/ cross the Ambur river over a wooden bridge. At 37/ Dapkin 60 houses. At 38/ cross the Ambur river over a wooden bridge. At 39/ Dapkin 60 houses. At 40/ cross the Ambur river over a wooden bridge. At 41/ Dapkin 60 houses. At 42/ cross the Ambur river over a wooden bridge. At 43/ Dapkin 60 houses. At 44/ cross the Ambur river over a wooden bridge. At 45/ Dapkin 60 houses. At 46/ cross the Ambur river over a wooden bridge. At 47/ Dapkin 60 houses. At 48/ cross the Ambur river over a wooden bridge. At 49/ Dapkin 60 houses. At 50/ cross the Ambur river over a wooden bridge. At 51/ Dapkin 60 houses. At 52/ cross the Ambur river over a wooden bridge. At 53/ Dapkin 60 houses. At 54/ cross the Ambur river over a wooden bridge. At 55/ Dapkin 60 houses. At 56/ cross the Ambur river over a wooden bridge. At 57/ Dapkin 60 houses. At 58/ cross the Ambur river over a wooden bridge. At 59/ Dapkin 60 houses. At 60/ cross the Ambur river over a wooden bridge. At 61/ Dapkin 60 houses. At 62/ cross the Ambur river over a wooden bridge. At 63/ Dapkin 60 houses. At 64/ cross the Ambur river over a wooden bridge. At 65/ Dapkin 60 houses. At 66/ cross the Ambur river over a wooden bridge. At 67/ Dapkin 60 houses. At 68/ cross the Ambur river over a wooden bridge. At 69/ Dapkin 60 houses. At 70/ cross the Ambur river over a wooden bridge. At 71/ Dapkin 60 houses. At 72/ cross the Ambur river over a wooden bridge. At 73/ Dapkin 60 houses. At 74/ cross the Ambur river over a wooden bridge. At 75/ Dapkin 60 houses. At 76/ cross the Ambur river over a wooden bridge. At 77/ Dapkin 60 houses. At 78/ cross the Ambur river over a wooden bridge. At 79/ Dapkin 60 houses. At 80/ cross the Ambur river over a wooden bridge. At 81/ Dapkin 60 houses. At 82/ cross the Ambur river over a wooden bridge. At 83/ Dapkin 60 houses. At 84/ cross the Ambur river over a wooden bridge. At 85/ Dapkin 60 houses. At 86/ cross the Ambur river over a wooden bridge. At 87/ Dapkin 60 houses. At 88/ cross the Ambur river over a wooden bridge. At 89/ Dapkin 60 houses. At 90/ cross the Ambur river over a wooden bridge. At 91/ Dapkin 60 houses. At 92/ cross the Ambur river over a wooden bridge. At 93/ Dapkin 60 houses. At 94/ cross the Ambur river over a wooden bridge. At 95/ Dapkin 60 houses. At 96/ cross the Ambur river over a wooden bridge. At 97/ Dapkin 60 houses. At 98/ cross the Ambur river over a wooden bridge. At 99/ Dapkin 60 houses. At 100/ cross the Ambur river over a wooden bridge.
		Kolapoor	14 00					
		Total		100 00				
		18 March						

TABLE No 106. (2)

FROM DAPOOLIN TO KOLAPOOR, BY CHIPLOON, SUNGUMSHWAR, THE THYRA  
GHAUT, AND KAMAREE.

GENERAL DIRECTIONS BY

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS	
			Stage	Total					
Military	Civil		Miles.	Package					Miles.
General Officer Commanding Madras District Bangalore.	Civilian Subordinate	From Dapkin		26	12			File Table No. 101	
		Chiploon							
		Sungumshwar	20	04	26	08			File Table No. 100
		General over			26	04			



[illegible]

TABLE No. 107. (1)

FROM DAPOOLLEE TO MAHABLESHWUR, BY KHEED, POLADPOOR, AND THE AMBER NULLEE  
OR FITZGERALD GHAUT.

## GENERAL DIRECTION, ID.

Authorities		Name of Region	Distances		Road and Rail	Water	Supplies	REMARKS
Military	Civil		Stages	Total				
			Miles	Furlongs				
General Officer Commanding British Indian Army District Bangalore.	Collector of Bangalore	From Davanagere to Pavagada	10	51	10	51	Good cleared road over undulating country	100 houses occupying ground 10 ft. x 12 ft. per Aghat, 25 houses 10 ft. x 24 ft. / 25 houses 10 ft. x 24 ft. / across a path 20 yards wide 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across again 10 ft. x 24 ft. / across the road and 10 ft. x 24 ft. / across 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Authority	Grade	Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles Furlongs	Miles Furlongs				
General Officer Commanding Bengal District Brigade	Civil	Brungle river		10 54	Good cleared road with unimproved country	Abundant	Abundant 100 sheep	200 houses, Chittur, Post office and Man- holder's bachelary, occupying ground under three pairs of tanks. At 8 1/2 f across the Padder river, 40 yards wide, being of several houses after heavy rain. At 9 m 4 1/2 f across the Jaharna river, 70 yards wide had steady, banks easy, a narrow temporary bridge crossed in the space by the village. At 9 m 7 1/2 f a well. At 9 m 8 1/2 f Talaharna, 26 houses. At 4 m 14 f across a tank, 40 yards wide had steady, valley of some hours after heavy rain.
		At 10 f	6 0	16 54				
		Lerdhoke	12 47	28 11	Ditto	Ditto		Vide Table No 100
		Paladpur or head of Col and R. A.	11 78	41 41				
		Wan or Lardhoke B	16 14	57 55	Made road			Vide Table No 98 (1)
		Malaheshwar Val of the Post Office B I T	10 31	67 86	Ditto			
General Officer Commanding Bengal District Brigade	Civil	Total		71 1				
		5 Stages						

TABLE No. 107 (2)

FROM DAPOOLEE TO MAHALESHPUR, BY LUTWAN, POLADPOOR, AND PAR.

GENERAL DESCRIPTION, &amp;c

Authority	Grade	Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles Furlongs	Miles Furlongs				
General Officer Com- manding Bengal District Brigade	Civil	From Dapool to Pardur or Pader by river	7 41	7 41	Rough and difficult paths	Abundant	None	Small village of 25 houses; occupying ground low and marshy. At 8 m 1 1/2 f past the house, 20 houses, well, and well.
		Lutwan	11 14	18 55				
					Tolerable road across the first 14 m which is a rocky path, very uneven, crossing and over hills	Abundant, from well and well, one large well near the first village.	Moderate	200 houses 1/2 mile of the road, but a large chittur, called Lardhoke on the road with a good well and deep, occupies a valley in the W. In the dry season also under mango trees near the chittur. At 1 m 1 1/2 f house, 10 houses. At 8 m 8 1/2 f Shival 78 to see, and 1 sheep. At 8 m 7 1/2 f house, 150 houses and 1 sheep. At 8 m 8 1/2 f house, 150 houses and 1 sheep. At 8 m 8 1/2 f house, 150 houses and 1 sheep.
		Carried over		18 0				

Authorities		Name of Stage	Distances		Road and Rail.	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles.	Fathoms.					Miles
General Officer Commanding Western Division, Poona.	Collector of District of Ahmednagar	Brought over Pachgaon or Kambh Durg			18	6		3078 houses, Ghurnan, and trackless hilly ground 8 At 6/ from Lohman, numerous acres of the Koria kind 54/ and 18/ demand At 8 m 1/2 from Kambh, or Koorwar 80 houses, 1 day 8 miles At 8 m 5/2/ from Pachgaon 120 houses At 8 m 5/2/ from Pachgaon also some acres 6/ demand 6/ At 8 m 8/2/ Kambh, or Kambh, or Kambh.	
			10	41	18	11			
			11	81	40	41			
			6	81	-	-			
					48	81			
		Total						This Table No. 98 (2)	
		8 March							

TABLE No 108 (1)

## FROM DAPOOLHE TO POONA, BY WUBRUND GHAUT AND BHOIR

GENERAL DIRECTOR, IV

Authorities		Name of Stage	Distances		Road and Rail.	Water	Supplies.	Remarks	
Military	Civil		Stages.						Total.
			Miles	Fathoms.					Miles
Genl. Officer Commanding Poona Division, Poona.	Collector at Ahmednagar	From Dapoolhe to Pachgaon, Kambh	10	81	10	81		} Table No. 107 (1)	
		Kambh	8	9	18	81			
		Pachgaon	12	81	20	41		} Table No. 108	
		Pachgaon	11	74	41	41			
		Kambh or Kambh	7	11	48	81	Made road, unbridged	Servitee river	1 steep, rocky ridge from Kambh 3 m. west
Wubunda	8	24	87	81	Good made road, 7 m. and up to bridged.	W. side and up to	2 steep	225 houses and a Ghurmankh, occupying ground W. At 7 1/2 from the Servitee river (on left). At 1 m. 2/3, Khosar 80 houses. At 1 m. 7/8, Alkha 18 houses. At 8 m. 7/8, Dhar-wara 2 1/2 on left 120 houses 0 steep, and a Ghurmankh. At 4 m. 1/2, Pargal Dhar 20 houses. At 6 m. 2/3, Pargamankh 40 houses. At 8 m. 1/2, well and Ghurmankh. Country 1 day.	
Wubunda or Kambh	18	74	70	71	Do	Kambh river	3 steep	A large village with Ghurmankh, occupying ground N. At 5 m. 1/4, Khosar 40 houses. 1 steep. At 5 m. 1/4, a Khad. At 6 m. 2/3, a Ghurmankh, at Dapoolhe. At 8 m.	



Activities		Season of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Per stage	Miles	Per stage		
Collector at Bikaner.		Brought over		77 77				
		Beera	11 0	81 77	Grass road, unbridged	Abundant	Abundant	<p>ghost. At 8 = 24/ Burman, 18 houses. At 10 = 24/ end of summit of the ghost. At 12 = 24/ across a valley 80 yards wide. Valley of some houses after heavy rain. At 12 = 24/ f. Ghorewala. country hilly and covered with dense jungle.</p> <p>A large town, encompassing ground on the Beera. At 1 = 24/ across a valley 11 yards wide. At 4 = 77/ f. Mangapoor, 80 houses. At 6 = 1/ across a valley 24 yards wide. At 10 = 12/ across the Beera river, banks high, bed sticky. Feasible in October. At 10 = 4/ f. Ambahat, 80 houses. At 11 = 44/ across a valley 18 yards wide. At 12 = 11/ across a valley 25 yards wide. At 12 = 2/ across a valley 30 yards wide. At 12 = 74/ across a valley 85 yards wide. Country hilly. Delay of several hours after heavy rain on crossing the valley.</p>
		Kidwa	11 04	88 01	Grass road, bridged	Valley and wells	3 shops	<p>200) near a chowrie and a good Ghorewala for travellers, encompassing ground. At 8 = 7/ f. At 24/ across a valley 60 yards wide. bed rocky, delay of several hours after heavy rain. At 41/ then high a mango tree on right. At 1 = 24/ across a valley 20 yards wide. At 1 = 74/ across a valley 12 yards wide. At 2 = 1/ f. Wargan, 80 houses. At 8 = 41/ f. Rajawara, 30 houses. At 7 = 11/ f. Baniya wares, 70 houses. At 7 = 24/ f. Ghorewala. At 7 = 77/ from made road from Beera to Poon. At 8 = 7/ across the Beera river (bridged). At 8 = 24/ f. Beera a small village.</p>
		Kidwa	11 5	99 41	Ditto	Ditto	3 shops and front the vapour 1/ west.	<p>75 houses and a chowrie on the right bank of the Beera. At 24/ across a valley 24 yards wide. At 2 = 7/ f. Mangapoor, 80 houses, 2 of apt. f. Ghorewala. At 8 = 24/ f. Beera 80 houses 3 shops, and a good Ghorewala, about 4/ on left.</p>
Collector at Poon.		From Chattram Ch. to P. T.	14 11		Ditto	Abundant	Abundant	<p>A large town and a chowrie. At 1 = 24/ f. 1 also, 100 houses 4 shops, and a Ghorewala about 2/ on right. At 8 = 24/ f. Baniya wares a small village. At 4 = 24/ f. pass through the tunnel at the top of the Kidwa ghost 11/ in length. At 7 = 1/ f. Mangapoor wares a small village at the foot of the ghost. At 8 = 24/ f. Kidwa 100 houses, 3 shops, and a Ghorewala. A large tank from which the city of Poon is supplied with water on the right. At 12 = 11/ f. a chowrie, the road here leads to the right.</p>
		Total		121 81				
		11 March						
To direct road from Beera to Poon as follows --								
To Beera as above		14 4	81 77					
			81 77					
From Chattram Church as above		11 11						
			11 11					
Total			11 11					
			11 11					
18 March								

Authority		Name of Ship	Tonnage		Killed and Wounded	Water	Supplies	Remarks
			Stowage	Total				
Military	Civil		Miles	Per Ton	Miles	Per Ton		
General Officer Commanding Feroze Division, Feroze.	Officer of Canton at A. 1000	Brought over						
		1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		
General Officer Commanding Feroze Division, Feroze.	Officer of Canton at A. 1000	1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		
General Officer Commanding Feroze Division, Feroze.	Officer of Canton at A. 1000	1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		
General Officer Commanding Feroze Division, Feroze.	Officer of Canton at A. 1000	1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		
		1000	10	41	10	41		

TABLE No. 109. (1)

FROM DAPOOLEN TO POONA, BY WURRUNDA GHAUT AND RHOSE

Continued on next page

Agencies		Name of Station	Distances		Road and Road	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
									Miles
Grand Officer Chief of Police District, Poonch	Collector at Poonch	From Poonch to Poonch	10	81	18	94		<p>File Table No. 107 (1)</p> <p>File Table No. 108</p>	
		Kashmir	12	97	30	93			
		Poonch	11	74	41	43			
		Kashmir	7	33	46	71			
Grand Officer Chief of Police District, Poonch	Collector at Poonch	Kashmir	7	33	46	71	Make road, unbridged	Barren river	<p>cheap price milk from Kashmir 6 m and</p>
		Wazirabad	8	51	57	54	Good road, unbridged	Wazirabad and milk	<p>cheap</p>
		Kashmir	18	76	70	71	Do	Barren river	<p>cheap</p>
		Wazirabad	70	71					



General Officer Commanding Poona Division, Poona.

Authorities		Name of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	English	Miles	English		
General Officer Commanding Poona Division, Poona.	Collection of Statistics	Brought over		70 73				ghost. At 8.15 1/2 f. Wargam, 15 houses. At 10 m. 4 1/2 f. end of descent of the ghats. At 12 m. 8 1/2 f. across a nulla 25 yards wide, delay of some hours after heavy rain. At 15 m. 1 1/2 f. Channanaka, country hilly and covered with dense jungle.
		Khare	11 0	81 73	Male road, undrugged.	Uncollected	Abundant	A large town, encompassing ground on the right. At 10 m. 1 m. 8 1/2 f. across a nulla 11 yards wide. At 4 m. 7 1/2 f. Khaspachar, 30 houses. At 5 m. 1 f. across a nulla 25 yards wide. At 10 m. 1 1/2 f. across the Khaspachar river, looking high, had nearly finished in October. At 10 m. 1 f. Anahadpur 25 houses. At 11 m. 1 1/2 f. across a nulla 18 yards wide. At 12 m. 1 1/2 f. across a nulla 26 yards wide. At 13 m. 2 f. across a nulla 26 yards wide. At 14 m. 7 1/2 f. across a nulla 26 yards wide. Country hilly. Delay of several hours after heavy rain in crossing the nullas.
	Collection of Poona.	Adwara	11 03	92 03	Male road, undrugged.	Nulla and wells	8 shops	200 houses, a chowree and a good channanaka for travellers, encompassing ground high, 3 f. KH. At 2 1/2 f. across a nulla 80 yards wide, had rocky, delay of several hours after heavy rain. At 1 1/2 f. from high a mango tree on right. At 1 m. 3 1/2 f. across a nulla 40 yards wide. At 1 m. 7 1/2 f. across a nulla 13 yards wide. At 2 m. 1 f. Wargam, 40 houses. At 2 m. 4 1/2 f. Khaspachar 20 houses. At 7 m. 4 1/2 f. Channanaka. At 7 m. 7 1/2 f. along much road from Barwara to Pitham. At 5 m. 7 f. across the Khaspachar river (undrugged). At 8 m. 2 1/2 f. Barwara a small village.
		Khare	11 1	107 14	Male	Detio	3 shops and a chowree	75 houses and a chowree on the right bank of the Channanaka nulls and 3 f. on left of road encompassing ground on right. At 2 m. 7 f. Khaspachar, 30 houses, 3 shops and a chowree. At 3 m. 8 f. Barwara, 20 houses, 3 shops, and a good channanaka, about 1 f. on left.
		Poona. Contingent. Ch. road. P. T.	11 11					A large town and encompassment. At 1 m. 8 1/2 f. village, 200 houses, 1 shop, and a channanaka about 3 f. on right. At 2 m. 8 1/2 f. Khaspachar a small village. At 1 m. 2 1/2 f. from there up the tunnel at the top of the Khaspachar ghats 1 1/2 f. in length. At 7 m. 1 f. Mangra, close to a small village at the foot of the ghats. At 8 m. 3 f. Khaspachar, 180 houses, 3 shops and a channanaka. A large tank from which the city of Poona is supplied with water on the right. At 12 m. 1 1/2 f. a chowree, the road here turns to the right.
		Total		121 23				
		11 Marches.						
		To direct road from Khare to Poona, as at Adwara —						
		To Khare as above Khare	11 5	91 71	Male (track) but male made road	Nulla and wells	3 shops, good chowree from Khare to Poona	75 houses and a chowree. Cross the Khaspachar river leaving Khare and at 1 m. 0 1/2 f. pass Barwara on the Khaspachar river. At 3 m. 8 1/2 f. Wargam, 20 houses and wells. At 5 m. 8 1/2 f. Halwa, Mohara, 3 small villages 5 f. from the foot of the Mohara hill which encompasses at about 3 f. from Wargam. A small and rugged especially in the descent, a nulls and channanaka river here. At 6 m. 7 1/2 f. Wargam, 10 houses nulls and stone river. At 7 m. 8 f. Mangra 15 houses, nulls, and the river. No supplies at these villages. At 12 m. 1 f. Barwara, 20 houses, 3 shops. Cross the Khaspachar river to Barwara. At 14 m. 1 1/2 f. join the male road from Barwara.
				90 71				
		Poona. Contingent. Ch. road as above	11 11		Male road.			
		Total		112 81				
		10 Marches.						

TABLE No. 108. (2)

## FROM DAPOOLAH TO POONA, BY THE BHOPA GHAT.

GENERAL DESCRIPTION, &amp;c.

Description.		Distances.				Road and Soil.	Water.	Supplies.	Remarks.
		Miles of Stage.		Total.					
Mileage.	Chd.	Miles.	Partage.	Miles.	Partage.				
Collection at A. Bhopa.	Dapoolah to Pind-jur.	—	—	88	85				Table Table No. 107. (3)
	Barwa	10	9	88	41	Good road, through a hilly and jungle country, and red.			50 houses; cantonment NW. At 7 f. cross the Barwa river, 100 yards broad, stony bed. At 8 m. 3 f. Kurnool, on the Barwa river, 40 houses, no supplies. At 8 m. 1 f. Awar, no supplies. At 8 m. 3 f. Kurnool, 10 houses, 1 shop, and the river. At 8 m. 5 f. Kurnool, 20 houses, 1 well, but no supplies. At 7 m. 5 f. Kurnool, 20 houses, 1 well, no supplies; across the Barwa river at the end of the stage.
	Barwa	9	5	43	13	Rugged and stony road.	Trails	1 shop	100 houses, cantonment NW. At 8 m. 3 f. pass Barwa river, 10 houses, 2 wells, and a well; no supplies. At 1 m. 3 f. Wurnool, 100 houses, 1 shop, 10 wells, and a well. At 8 m. 1 f. Kurnool, 20 houses, 1 well, but no supplies. Country hilly with thin jungle. At 8 m. 3 f. an ascent of 4 f. commences. Cross a table land of a mile, and descent of 2 f., only for mile; country no longer.
	Kurnool	15	5	88	61		Barwa	20 houses. At 1 m. 1 f. the foot of Bhopa ghaut, and at 8 m. 5 f. the summit. The ghaut is not difficult for bullock carts; there is a trifling descent of 800 yards to the Dohla; across 2 places in this ascent, and pass through some thick jungle.	
	Khand	15	8	71	13	Road rather better to Pind-jur and wells.		3 shops, close foot from Bhopaghat.	75 houses; cantonment N. At 1 m. 1 f. pass Kurnool, 20 houses, a shop, and 4 wells. At 2 m. 7 f. Kurnool, 40 houses, 4 wells; no supplies. At 8 m. 5 f. an ascent of 8 f., only for mile. At 4 m. 5 f. cross a river 40 yards broad, stony bed. At 8 m. Kurnool, 20 houses, 1 well, and 1 shop. At 7 m. 5 f. Barwa, 20 houses, 1 well, but no supplies. Chalky soil among hills cross Kurnool. At 8 m. 1 f. the Kura Khand begins, being no ascent of 8 f. and descent of 1 f., only for bullock carts.
Total ..		14	32						Table Table No. 108. (1)
Total ..				85	8				

TABLE No. 109.

FROM DAPOOLEE TO RUTNAGHERRY, BY CHIPLOON AND SUNGMALSHWUR.

GENERAL DIRECTION, B

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles.	Furlongs.	Miles	Furlongs				
General Officer Commanding Bangalore District, Bangalore	Collector at Rutnagberry	From Dapoolie to	10	5½	10	5½				File Table No. 104
		Floussac	11	5½	21	5½				
		Nagish	15	0	36	1½				
		Chiploon	10	5½	46	0½				
		Sarmale	8	0½	54	1½				File Table No. 100
		Aravies	11	7	65	7½				
		Sungmalshwur	10	5½	75	0½				
		Ramda	10	5½	85	2				
		Rutnagberry Bunder	18	5½	103	2				
		Total			64	1½				
6 Mares										

Note.—The direct road from Ramda to Rutnagberry is 8½ 1½ f at price See Table No. 100  
 The direct route (cuttle track) from Chiploon to Rutnagberry is 6 a 3½ f shorter See Table No. 100

TABLE No 110 (1)

FROM DAPOOLEE TO SATTARA, BY MAHABLESHWUR.

GENERAL DIRECTION, B

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage						Total	
			Miles.	Furlongs					Miles.	Furlongs
General Officer Commanding Bangalore District, Bangalore	Collector at Rutnagberry	From Dapoolie to Floussac	10	5½	10	5½			File Table No 107 (1)	
		Khad	6	0	16	5½				
		Kashin	12	5½	28	1½				
		Palatpur	11	7½	39	1½				
		Wara	10	5½	49	5½				
General Officer Commanding Bangalore District, Bangalore	Collector at Rutnagberry	Mahableshwar	10	5½	59	7½			File Table No 98 (1)	
		General aver			69	7½				

Anticipation		Status of Region	Distances		Road and Soil	Water	Supplies	REMARKS
Motorway	Overl.		Stages	Total				
			Miles	Feet/mph	Miles	Feet/mph		
		Brought over	11	0	88	75		
		Knight	15	0	98	76		
		Mains	8	0	84	74		
		Mains Post Office	11	1				
		Total			80	44		
		9 Kanoes						

General Officer Commanding Forces Malabar, Mysore.

Collector of Malabar

80 houses and a church; occupying ground N. At 3 m. N. of "Oore Puzh" spring of good water. At 3 m. N. of road to the Chittur Puzh at Lingala. Location off to the left. At 8 m. N. of. Dharwad, 3 houses. At 4 m. N. of a church. At 4 m. N. of, commonest disease of the Knight plant. At 0 m. N. of and 5 m. N. of spring of good water. At 11 m. N. of Dharwad, 10 houses.

75 houses, church, and "Kavali" temple, occupying ground near the highway. At 1/2 m. from the Yana river (Kodak). At 1 m. N. of. At 1/2 m. N. of. At 3 m. N.

TABLE No. 110. (2)

FROM DAPOOLE TO SATTARA, BY THIS AMBULANCE CHAUF.

GENERAL DIRECTION, L.

[illegible]

Authorities		Names of Stages.	Distances				Road and Soil	Water	Supplies.	Remarks.
			Stages		Totals					
Military	Civil		Miles	Perchages	Miles	Perchages				
General Officer Commanding Belgaum District Belgaum	Collector at Belgaum	Brought over			10	41	Good cleared road over undisturbed country	Jagbadee river and wells.	None	40 houses encamping on ground 80 As 11/ / across Palka river 30 yards wide delay of several hours after heavy rain. At 5 a. 41/ / across the Jakanna river 70 yards wide bed sandy banks easy a temporary bridge erected in the noon for the passengers. At 3 a. 71/ / a well. At 8 a. 61/ / Total some 35 houses. At 4 a. 31/ / across a well 40 yards wide, bed sandy delay of some hours after heavy rain. At 8 a. 8 a. 1/ / a large place 700 houses 100 shops dismount, Kambli's kitchenery and Police station good encamping ground under trees near a tank. At 5 a. 11/ / across the Chanda river 300 yards wide bed sandy and rocky not fordable during heavy rain. At 8 a. 11/ / Koorwarde water, 6 kuts. At 8 a. 71/ / across Koorwarde Wells wells 27 yards wide, bed sandy banks high delay of some hours after heavy rain. At 10 a. 41/ / Koorwarde 100 houses. At 10 a. 71/ / across the Jagbadee river about 31/ / v. d. bed sandy and rocky, banks muddy and high, delay of a day after heavy rain.
		Mahabaleshwar	11	71	26	41				
General Officer Commanding Purna District Purna	Collector at Belgaum.	Wairan	7	11	23	31	Country cart track to the foot of the An-badee ghats and cattle track up the ghats	None	None	80 houses and a Police station, encamping ground 8. At 1 a. 41/ / across the Devpur wells, 20 yards wide bed sandy banks high At 1 a. 41/ / An-badee 180 houses 1 shop At 10 a. 41/ / commence ascent of the An-badee ghats. At 8 a. 11/ / pupils at top of ghats. At 6 a. 11/ / end of march.
		Besroole	18	7	1	41				
		Chandrayana	18	71	36	41	Cattle track to Koorwarde Chinese road	Abundant	Abundant	A large town hill fort and command; the village bungalow Post and Telegraph offices Head-quarters of the British Collection At 1 a. 21/ / Bales, 4 kuts. At 1 a. 51/ / across Bales wells, 80 yards wide. At 8 a. 81/ / Baypane 20 houses. At 4 a. 11/ / Koorwarde 20 houses 1 shop and dismount. In the main road from Mahabaleshwar and back At 4 a. 61/ / Wore 30 houses. At 5 a. 11/ / a well. At 8 a. 71/ / Koorwarde 30 houses. At 8 a. Kumbly 100 houses. At 9 a. 81/ / a well. At 9 a. 11/ / road from Purna to Chandrayana. At 8 a. 81/ / a well. At 10 a. 11/ / Koorwarde 800 houses 1 shop
		Bahara Post office B P T	11	11						
		Total			67	11				
		8 Marches.								





Authorities.		Names of Places.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Packdays.	Miles.	Packdays.		
General Officer Commanding Poon Division, Poon.		Drought over.....	1	1	84	7 1/2		
		Mineral B.	8	11	92	4 1/2		Single road, some of the gullies bridged.
								Wells and small rivers.
								20 shops
								100 houses, Chauramala and travellers' bungalow, occupying ground B. At 2 1/2 f. cross a wide, 60 yards wide, bed rocky, delay of several hours after heavy rain. At 4 1/2 f. crossing, a narrow bridge on right. At 1 m. 7 1/2 f. cross a wide 12 yards wide. At 2 m. 1 1/2 f. crossing, 10 houses. At 2 m. 4 1/2 f. heavy rain. 20 houses. At 2 m. 1 1/2 f. heavy rain. 20 houses. At 2 m. 3 1/2 f. a diurnal rain. At 2 m. 7 1/2 f. road from Poon joins on left. At 2 m. 1 1/2 f. wide road to Bhatia branches off to the right. Country open and cultivated.
		Indore .....	12	14	108	6 1/2		Unbridged, narrow road, soil black.
								Wells and wells.
								3 shops
								100 houses, occupying ground B. At 3 f. cross the Mand well, 180 yards wide, fordable a day after heavy rain. At 3 m. 2 1/2 f. Khanda-khore warren, 8 houses. At 3 m. 4 1/2 f. cross a wide 180 yards wide, bed sandy. At 3 m. 8 1/2 f. Bhatia, 280 houses, 3 shops. At 1 m. 1 1/2 f. a well. At 2 m. 1 1/2 f. Lona, 60 houses. At 2 m. 1 f. wells. At 2 m. 1 1/2 f. a well. Country open and cultivated.
		Chauramala .....	8	9 1/2	115	5		Ditto .....
								Ditto .....
								1 shop
								200 houses, occupy X. At 1 m. 7 1/2 f. a well. At 1 m. 2 1/2 f. Lona, 120 houses, 8 shops, and a diurnal rain. At 4 m. 8 1/2 f. cross the old made road from Poon to Bhatia. Cross several wells in this stage.
		Pindia B.P. ....	11	8	127	3		Ditto .....
								Ditto .....
								1 small town surrounded by a wall with bastions. Residence of a Native Chief Minhal-lar, a large diurnal rain for 200 travellers and a good bungalow for Europeans travellers. At 2 m. 7 1/2 f. Bhatia, 160 houses. At 3 m. 1 1/2 f. a well. At 2 m. 3 1/2 f. Lona, 60 houses, 2 shops. Cross 7 wells in this stage. Country open and cultivated.
		Bhatia .....	11	21	138	5 1/2		Ditto .....
								Wells and wells.
								1 shop
								200 houses, occupying ground X. At 2 1/2 f. cross the Bhargava river, 120 yards wide. At 6 f. road to Bhargava branches off to the left. At 2 m. 8 1/2 f. a well. At 2 m. 6 f. another well. At 2 m. 1 1/2 f. Pongri, 100 houses, and 1 shop. At 2 m. 2 1/2 f. 10 m. 12 f. and 16 m. 0 f. pass wells. Cross several wells in this stage. Country open.
		Khajipura .....	13	2	150	7 1/2		Ditto .....
								Wells and tanks.
								30 shops, weekly market on Wednesdays.
								200 houses, occupied diurnal rain and diurnal rain, occupy X. At 2 m. 1 1/2 f. Bhargava, 90 houses, 2 shops. At 2 m. 1 f. Bhargava, 60 houses. Cross several wells in this stage.
		Maharaja P. ....	10	7 1/2	161	4 1/2		Ditto .....
								Wells and wells.
								4 shops
								100 houses with diurnal rain, and Minhal-lar and Pongri's Courts, occupying ground XII. At 2 m. 3 1/2 f. Bhargava, 90 houses, 8 shops. Cross 8 wells in this stage. Country open and cultivated.
		Velpur .....	11	11	172	0		Ditto .....
								Ditto .....
								Ditto .....
								100 houses and a diurnal rain, occupying ground near a tank. At 2 m. 8 f. and 4 m. pass wells. At 2 m. 1 1/2 f. Lona, 200 houses, 1 shop.
		Shargava .....	12	1	184	1		Ditto .....
								Wells and Khanda-khore river.
								1 shop
								100 houses, occupying ground between the river and village. At 1 m. 1 1/2 f. Bhatia, 60 houses. At 4 m. 3 1/2 f. cross the Khanda-khore river, 110 yards wide, banks high, bed rocky, delay of several hours after heavy rain. At 8 m. 7 1/2 f. Pongri, 1 house and a diurnal rain. At 2 m. 7 f. a well. At 11 m. 3 1/2 f. cross the Khanda-khore river, 100 yards wide, banks low, bed sandy, fordable a day after heavy rain. Country open and cultivated.
Collector at Bhargava.		Carried over.....			183	1		

Information.		System of Stages	Distances.		Road and Soil	Fuel	Supplies.	Remarks.
Military	Civil		Stages	Total				
		Miles	Fathoms	Miles				
General Officer Commanding Force Division Force.	Chittagong to Dacca	greatest over		184 1	Thakurpore station and soil bank.	Abundant	Abundant	A large town on the right bank of the Chittagong river with numerous temples; Chittagong, Mahal, numerous temples; temples on the banks of the river. At 1 m. 8 1/2 f. wall. At 4 m. 8 1/2 f. road from Chittagong town on right. At 4 m. 7 1/2 f. Wadda, 150 houses, 3 shops, and a Chittagong. At 5 m. across a mile 10 yards wide. At 6 m. 8 1/2 f. garden and wall and across a mile 10 yards wide. At 8 m. 1/2 f. across the town to the 1 m. of Dacca.
		Thakurpore 3 P	8 12	188 95				
		Thakurpore	8 1	190 44	Dacca	Chittagong river	3 days	180 houses, occupying ground. At 1 1/2 m. 1/2 f. Chittagong river. At 1 1/2 m. 1/2 f. high bed, mostly built in October; a number of boats in the river. At 2 1/2 m. a large Chittagong. At 3 1/2 f. road to Dacca station, 100 houses, 1 shop. At 4 m. 8 1/2 f. across a mile 10 yards wide. At 5 1/2 f. across a mile 10 yards wide, across the town to the 1 m. of Dacca.
		Thakurpore	12 8 1/2	212 8 1/2	Dacca	Thakurpore river	5 days	100 houses, occupying ground. At 1 1/2 m. 1/2 f. Chittagong river. At 1 1/2 m. 1/2 f. high bed, mostly built in October; a number of boats in the river. At 2 1/2 m. a large Chittagong. At 3 1/2 f. road to Dacca station, 100 houses, 1 shop. At 4 m. 8 1/2 f. across a mile 10 yards wide. At 5 1/2 f. across a mile 10 yards wide, across the town to the 1 m. of Dacca.
		Thakurpore	8 12	220 8 1/2	Dacca	Thakurpore river	8 days	200 houses, occupying ground on the right bank of the Chittagong river. At 1 1/2 m. 1/2 f. Chittagong river. At 1 1/2 m. 1/2 f. high bed, mostly built in October; a number of boats in the river. At 2 1/2 m. a large Chittagong. At 3 1/2 f. road to Dacca station, 100 houses, 1 shop. At 4 m. 8 1/2 f. across a mile 10 yards wide. At 5 1/2 f. across a mile 10 yards wide, across the town to the 1 m. of Dacca.
		Thakurpore Port Canal R. P. 1	8 12		Dacca	Thakurpore river	Abundant	Abundant
Total				224 7				
12 March								

TABLE No. 111. (2)

FROM DAPOOLEE TO SHOLAPOOR, BY KOOMBARLHE GHAT, MULHAR PAIT, OOMRUZ,  
MAYUNEE, AND FUNDERPOOR.

GENERAL DESCRIPTION, &c.

Authorities.		Names of Ranges.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Fathoms.				
General Officer Commanding Forces Dehra, Teesah.	Collector at Baitana.	From Dapoolie to Mulkarpanth.	—	81 4	Clear cut road over black soil.	Abundant.	—	See Table No. 101.
		Ommer P.	8 1	80 3			Abundant, slope.	235 houses, 2 dharmshalas; surrounding ground S. and W. At 1 m. 1 1/2 f. the made road to Karnar branches off to the right. At 3 m. 3 1/2 f. commences ascent of ghant. At 5 m. 5 1/2 f. end of ghant. At 5 m. 8 1/2 f. Oorah, 18 houses. At 1 m. 2 1/2 f. Baitalwara, 180 huts. At 3 m. 1 1/2 f. across Mandi river, 78 yards wide, bed rocky. At 6 m. 1 1/2 f. Chauraganga, 120 houses, 13 shops, and dharmshala, about a furlong to right. At 8 m. 1 1/2 f. across the made road from Baitana to Kumbhar.
		Musoor	1 0	91 3	Do.	Do.	3 shops, a tank by hand.	large village, 711 houses; surrounding ground S. At 2 f. cross the Krishna river, 120 yards wide, bed sandy, a ferry boat in the river. At 1 m. 2 1/2 f. Wairata, 100 houses.
		Chaurah	14 7 1/2	106 5	Do.	Wells.	1 shop.	255 houses and 1 dharmshala; surrounding ground S. At 2 1/2 f. the cleared road to Karnar branches off to the right. At 3 m. 3 1/2 f. commences ascent of ghant. At 6 m. 6 1/2 f. end of ghant. At 7 m. 1 1/2 f. across a null 30 yards wide, bed sandy. At 10 m. 7 1/2 f. Daberganga, 120 houses. At 11 m. 7 1/2 f. across the cleared road from Baitana to Targam.
		Mayunee P.	11 7 1/2	121 4	Do.	Wells and nulls.	25 shops and nulls.	171 houses, 1 dharmshala, and a bungalow erected by the Irrigation Dept.; surrounding ground S. At 1 m. 2 1/2 f. Malsamra, 230 houses, 1 shop, 1 dharmshala. At 4 m. 1 1/2 f. across a null 30 yards wide, bed sandy. At 7 m. 7 1/2 f. across the Yark river, 180 yards wide, bed sandy, banks clay. At 11 m. 4 1/2 f. cross the road from Targam to Phadga.
		Jarah	14 2 1/2	136 0	Do.	Do.	1 shop.	185 houses and a dharmshala; surrounding ground S. At 2 f. cross a null 125 yards wide. At 3 m. 4 1/2 f. cross a null 45 yards wide, bed rocky. At 3 m. 5 1/2 f. across the Malmalaka Wadia, 55 yards wide, bed sandy. At 7 m. 7 1/2 f. commences ascent of Targam hill. At 8 m. 4 1/2 f. Targam, 30 houses. At 13 m. cross a null 10 yards wide, bed rocky, to Yark river, 60 houses, 1 shop, and dharmshala.
		Dargahaboo	13 8	149 8	Do.	Wells and Khams river.	15 shops.	280 houses and 2 dharmshalas; surrounding ground S. At 4 m. 1 1/2 f. Baitalwara, 100 houses, 1 shop, and dharmshala. At 6 m. 6 1/2 f. across the Karnar null, 60 yards wide, bed sandy.
		Mahad	13 6 1/2	161 4 1/2	Do.	Wells and nulls.	1 shop.	230 houses, and a dharmshala surrounded by a wall; surrounding ground S. At 3 f. cross the Karm river, 180 yards wide, bed sandy. At 7 1/2 f. cross a null, 60 yards wide. At 2 m. 4 1/2 f. Oombarganga, 80 houses, and a
		Carried over.	—	181 4 1/2				
	Collector at Mulkarpanth.							

Authority		Name of Stage	D. station.		Road and Soil	Water	Supplies	REMARKS		
			Stops	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
General Officer Commanding, Poona Division, Poona.		Collecting at Bhadrapur	Brought over		161	4 1/2				
			Panchpur Chowk, B. P.	18	3 1/2	178	1 1/2	Marked cart road over (black soil)	Abundant	Abundant
			To Bhadrapur	28	2 1/2					<p>1 large town on the right bank of the Ghazun river with a narrow temple, circumambulatory. Medical depots very numerous. Bungalow and Post office. Good encampment ground on the banks of the river. As 1 1/2 furlongs a mile 11 yards (1/2) furlongs a mile 100 houses, 1 stop. As 1 1/2 a. 2 1/2 furlongs 1 saying mile to Karia Lal house a mile 11 1/2 yards wide and sandy. Country open.</p>
			Total			217	11			File Table No. III (1)
		18 Marston								

TABLE No 112

FROM DAPOOLED TO VINGORLA, BY UHPLOON, RAJAPOOB, AND KUNKOWLEE

**CENTRAL DIRECTORION, ■**

GENERAL DESCRIPTION, II

General Officer Commanding Madras District Madras

Another town		Nature of Region	Distance		Road and Soil	Water	Vegetation	Population	Remarks
Mileage	Time		Miles	Time					
From Depot to			10	1					
			11	1					
			12	1					
			13	1					
			14	1					
			15	1					
			16	1					
			17	1					
			18	1					
			19	1					
			20	1					
			21	1					
			22	1					
			23	1					
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			92	1					
			93	1					
			94	1					
			95	1					
			96	1					
			97	1					
			98	1					
			99	1					
			100	1					

V to Table No. 104

V to Table No. 105

V to Table No. 106

Small village good occupying gen of the a  
 region. Distance is on the road between  
 the

Authorities.		Distances.				Road and Soil.	Water.	Vegetation.	Remarks.				
M.P. No.	M.P. No.	Name of Stage.		Stages.									
				Miles.	Parasangs.								
				Miles.	Parasangs.								
M.P. No.				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
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				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								
				Miles.	Parasangs.								

Authorities		Name of Stage.	Distances.		Road and Soil	Water	Vegetation	Remarks
			Stage	Total				
Xorway	Civil		Miles	Feet				
General Officer Commanding Madras District Madras.		Political Superintendent of Madras District	Brought over					
			Kandil	8 8	181 3	Black sand, coarse with stones over all the small hills.	Wells and a tank	20 slopes, mostly in sand. There are 30 slopes.
		Kandil	11 8	171 3	Clear sand, red soil	River and wells	30 slopes	30 houses, Police station. Past office occupying ground on the banks of the Mangal river. At 1/2 / Koonkurra 20 houses. At 1 1/2 / across a well. At 2 1/2 / Koonkurra 20 houses. At 3 1/2 / across the Mangal river, 70 yards wide but nearly a small boat in the river. At 4 1/2 / Wadda 22 houses. At 5 1/2 / Koonkurra 20 houses. At 6 1/2 / across a large well. At 7 1/2 / Koonkurra 20 houses. At 7 1/2 / across a large well.
		Vegetable new border	14 21		Clear road for 1/2 / to the rest made.	Abundant	Abundant 200 slopes	A small reservoir 1,000 houses (including longlow Police station. Past and Telegraph office Madras District, occupying ground 1/2 / to the Police Lines in the old settlement. 1180 houses were up to the border. At 1/2 / road to Madras were 1180 houses. At 1 1/2 / a short road. At 2 1/2 / across a well. At 3 1/2 / across a well. At 4 1/2 / across a well. At 5 1/2 / across a well. At 6 1/2 / across a well. At 7 1/2 / across a well.
		Collector of Madras District	Total					
			17 Madras					

TABLE No. 113.  
FROM DHESA TO ABOO.  
GENERAL DESCRIPTION, &c.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Vegetation.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Fathoms.				
		From travellers' bungalow at Dhosa to Dangoo.	7	04	7	04		Country very good, and very sandy.
		Kachhwan R.	7	04	14	08		Country very good, and very sandy as far as Ghada.
		Mukher R.	10	44	24	04		Country very good, and very sandy.
		Bandar R.	10	04	34	08		Ditto
		Arada	8	04	42	12		Ditto
		Mansa Abao, travellers' bungalow. R.P.V.	8	07	50	19		Country very good, and very sandy, the road very steep and difficult for heavy carts.
		Total		51	5			
		6 Miles.						



TABLE No 114.

## FROM DRESA TO GOGO, BY PUTTUN, VEERUMGAUM, AND LIMREE.

GENERAL DIRECTION, S

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Fathoms	Miles	Fathoms				
General Officer Commanding Northern Division Almora-Delhi.	National Highway Station Dresa to Veerumgaum	Tikrauli's bungalow Dresa to Ara.	7	7	7	7	Deep sandy soil and heavy soil road, with small jungle.	1 tank, nearly dry in January, and one deep well and another tank 500 yards dis- tant	Scarcy	120 houses, with some cultivation round it, in the isolated jungle; good surrounding ground At 1 m. past Kipton, a Goom village, of 150 houses on the right bank of the River At 2 m. 2 f. Darsa, 150 houses, on the right bank of the River, which is here 400 yards broad, sandy bed, high banks, with a small stream, pass through the town. Small grass and cereals and some Darsa to Ara.
		Wagrie	13	1	20	0	Good hard and good wet sandy soil, with open jungle	1 well tank and well, water abundant.	Deca, large abundant	180 houses, in a jungle country; surrounding ground cultivated and hard. At 1 m. 8 f. past Kipton, water scarce. At 2 m. 1 f. Kipton, 10 tanks. At 3 m. 2 f. Jagannath, 50 houses, small grass and jungle on the stage, and cultivation near village
		Puttan N or Dresa Dresa to P.	9	8	29	8	Good good	Abundant, from tanks, wells, or river	Abundant	1 well, town, the nearest capital of Gopriat At 2 m. 3 f. past Uggur; surrounding ground is fields
	Roadside at Narada	Chandrasekara	10	0	39	8	Good, but heavy part, from road.	1 well, 1 with 1 slope jungle, and tanks, water abundant; but rather toughish.		1 well, village of 800 houses; surrounding ground W of village, in fields, water and hard. Past at 1 m. 1 f. Chandrasekara, 1 well and 1 tank; no supplies. At 2 m. 3 f. River cross, well tank, and 1 shop. At 3 m. 0 f. Kipton, low jungle
		Kakrae	15	1	54	9	Good good all the way	1 well, with heavy jungle, water rather scarce 1 tank some times dry in winter		150 houses, surrounding ground good. At 2 m. 0 f. past Vallya, 15 houses and a well. At 3 m. 1 f. Chandrasekara 800 houses, 1 well, and some supplies. At 4 m. 2 f. Chandrasekara, a well and tanks; few supplies. At 11 m. 1 f. Gopal, 10 houses, a well and tanks, cross three shallow sandy streams in this stage.
Officer at Almora-Delhi		Chander	11	8	65	7	Dirty	1 tank, and with constant supply of water	Moderate slope.	6100 houses and good surrounding ground V, near a small tank. At 1 m. 5 f. past Dey down 180 houses, few supplies, and 1 well At 2 m. 1 f. Dey, 1 tank with water for months. At 11 m. 1 f. Gopal, 80 houses, supplies, 8 wells 2 tanks. At 12 m. 5 f. Jagannath, 1 tank, and eight months water
		Veerumgaum R.P.	14	7	81	4	Dirty	8 wells, 2 tanks and water of ways.	Abundant	1 800 houses Military station, Puttan, Mha- hadi's bungalow, (towards) Jagannath, and Chandrasekara, country partly culti- vated; good surrounding ground all of town, and also on a plain to the W near a large tank. The town is surrounded by a thick wall about 12 feet high, in good repair. Past at 2 m. 4 f. 8 houses, a well and tank for eight months. At 7 m. 1 f. Bha- dri, with well and tank for ten months. At 11 m. 1 f. Jagannath, 1 tank, with water always
		Watal	8	4	89	3	Good road	8 tanks and wells	2 Patali wells	825 houses good surrounding ground. Past at 2 m. 5 f. Chandrasekara, 15 houses, 1 tank, 1 well, and 1 shop. At 3 m. 5 f. Kipton, 50 houses, tank, and well. At 4 m. 2 f. Watal, 20 houses 1 shop, 1 tank, 1 well

General Officer Commanding Northern Division, Akrochind.

Authorities.		Names of Stages.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.					
Military.	Civil.		Stages.		Total.										
			Miles.	Per stage.	Miles.	Per stage.									
	Collector at Akrochind.	Brought over.....	--	--	94	2 1/2	Good and level, but swampy in wet weather.	Well of natural brackish water, a tank of good water with pipe to the tank in the hot weather.	shops, sundry.	100 houses on the R.R. extremity of the Kall Rowles or Bille Room; occupying ground NW. At 3 m. 1 1/2 f. pass Kumbh, 70 houses, 5 shops, tank and well. At 6 m. 5 f. Kumbh, 20 houses, tank and well.					
		Mungpur .....	7	3 1/2	101	8									
	Political Agent at Rajpura.	Muker .....	5	5 1/2	107	3 1/2									
		Bumane .....	15	5 1/2	122	4									
		Lihore .....	9	4 1/2	131	5 1/2				Side Table No. 2. (3)					
	Collector at Akrochind.	Wager .....	15	3 1/2	146	4									
		Rajpal .....	12	7 1/2	158	5 1/2									
		Mool Darye .....	12	3 1/2	171	7 1/2									
	Political Agent at Rajpura.	Walla .....	8	5 1/2	180	6				Side Table No. 2. (1)					
		Gangha .....	9	1	189	7									
		Wartale .....	8	1 1/2	197	5 1/2									
	Collector at Akrochind.	Gage .....	15	7 1/2	212	5 1/2									
		Total.....	--	--	214	5 1/2									
		18 Marches.													
The direct route from Wundal to Lihore is as follows:—															
	Political Agent at Rajpura.	To Wundal as above.	--	--	94	2 1/2	Good and level, but swampy in wet weather.	Good and plentiful from wells and tanks.	10 shops	180 houses; occupying ground in a plain to the N. of the village. At 3 m. 1 1/2 f. pass Kumbh, 70 houses, 5 shops, tank and well. At 6 m. 5 f. Kumbh, 20 houses, tank and well. At 7 m. 3 1/2 f. Bhagpur, 100 houses, and 3 shops, tank and well; country open and cultivated; occupying ground near the tank W. of the village. At 10 m. 1 1/2 f. across a shallow river. At 10 m. 3 f. Kartayya (Moom), 100 houses, 4 shops, tank and well. At 14 m. 1 1/2 f. across Harola river, shallow and dry, excepting in the rain.					
		Devies (Kall Rowles).	15	5 1/2	110	0									
		Jumbo .....	8	7 1/2	118	7 1/2									
		Lihore (Wartale Gata). P.	9	5 1/2	127	6									
		To Gage as above.	15	7	--	--									
		Total.....	--	--	211	5									
		18 Marches.													

TABLE No 115

## FROM DHESA TO GUDDRA.

GENERAL DESCRIPTION, &amp;C.

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles	Fathoms					
General Officer Commanding North-West Frontier, Ahmednagar.	Political Superintendent at Peshawar	From Dera to Jarda	9	1	1	Well study road heavy and occasionally undulating and crossed by jungle, with numerous streams of trees.	Plentiful from 25 wells & tanks; the well water slightly brackish.	Along for 1/2 mile about 1/2	120 houses good occupying ground near the Dera river and some about 1 1/2 m. S of on the left bank; the bank on this side is very steep, but sandy and pebbly; one foot water suitable, excepting after heavy rain.
		Dharmayra	11	4	20	Ditto	Abundant and good from a tank and one well.	Abundant; also fountains.	Large walled village good but low occupying ground 1/2 m. S. of Jarda, with patches of cultivation. At 2 m. S of Jarda, some but no supplies. At 3 m. S. of Jarda, 200 feet deep, water brackish. Country mostly with cultivation here and there from Jarda.
		Khanga	18	8	31	Ditto	One well, water a little brackish.	Along for 1/2 mile about 1/2	Good and high occupying ground 5 and 6 m. S. of Jarda, some cultivation, some cotton; country mostly 1/2 m. S of Jarda, 10 deep, country overgrown with long grass and jungle. At 3 m. S of Jarda, a small Khod vil. large, with one well, but no supply of country as before. At 5 m. S of Jarda, 3 wells, 5 deep.
General Officer Commanding North-West Frontier, Lahore.	Agent to the Governor General for the Punjab at Lahore and the Political Agent at Jalandhar	From	11	4	43	Well study road heavy and occasionally undulating and crossed by jungle.	Well and tank water for in the latter during the rain.	None	At 1 m. S of Jarda, 2 wells, 1 of good water, no supplies; country mostly, undulating, and mostly.
		Deh	16	6	59	Ditto	Dehra river water is brackish and good from wells.	25 steps and 100 fathoms.	200 houses, close to the river Dehra, which is about 70 feet wide. Country more open and well tilled, occupying ground 1/2 m. S of Jarda, 10 deep, 1/2 m. S of Jarda, a small village with 3 wells and a tank, water in tank during the rain only. At 7 m. S of Jarda, Chak, with 1 well, cultivation about the village only. At 12 m. S of Jarda, a 12 well house of 10 in size with 1 well. Country mostly, and no supplies at these villages.
		Dehra	13	4	72	Well very study road heavy	Dehra river, water is brackish, well water brackish.	Abundant; 100 steps.	20 houses on the Dehra river, occupying ground 1/2 m. S of Jarda, 10 deep, 1/2 m. S of Jarda, a small village with 3 wells and a tank, water in tank during the rain only. At 7 m. S of Jarda, Chak, with 1 well, cultivation about the village only. At 12 m. S of Jarda, a 12 well house of 10 in size with 1 well. Country mostly, and no supplies at these villages.
		Lahore or Lahore	13	4	85	Well very study road heavy	Dehra river, water is brackish, well water brackish.	Abundant; 100 steps.	20 houses on the Dehra river, occupying ground 1/2 m. S of Jarda, 10 deep, 1/2 m. S of Jarda, a small village with 3 wells and a tank, water in tank during the rain only. At 7 m. S of Jarda, Chak, with 1 well, cultivation about the village only. At 12 m. S of Jarda, a 12 well house of 10 in size with 1 well. Country mostly, and no supplies at these villages.
		Crossed over			87	9			

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stages.	Total.						
Military.	Civil.		Miles.	Parangs.	Miles.	Parangs.				
General Officer Commanding 14th Division, Mysore.  Agent to the Government-General for Requisitioning at Mysore, and the Political Agent at Bangalore.		Brought over	—	—	57	7				
		Mangra	13	1	160	3	Heavy sandy road, over good strong mudfall.	low ponds well, with a trough 3 f. SW. of the village, 180 feet deep; water good.	Scarcely; 3 sheep, but abundant.	About 20 huts under a low rocky hill; crossing W. of houses near the well is a sandy plain. At 3 m. Kumbha, 3 or 4 huts to the left of the road. At 4 m. 4 f. Lao Kan, a few huts; grass and small shrubs abundant.
		Chakra	14	2	174	5	Very good, with some mudfall, but generally hard and level; over two musk deer only; much jungle and grass.	Abundant. Over 20 wells of good water, 160 feet deep, 3 of them a mile N. of village, the largest well, with a trough, is to the E. There are also springs in the hill.	sheep, plenty.	Chakra has a small village, at the mouth of a ravine on the E. side of a rugged isolated granite hill of an irregular quadrilateral shape, rising some 1,600 feet above the plain, and nearly inaccessible. It has five springs of water, two on the western and three on the eastern side, all high above the plain. The best is in the ravine, above the village, and has a small stream of pure water. These springs are sacred, and visited by pilgrims; there are many small temples about them. At 11 m. Keshik, (deserted) 4 f. hill, said to be a good well.
		Chakra	13	2	187	5	To Karia Lora through a small sandy valley, crossing a ridge near Chakra, the road pretty hard.	At 11 m. 100 feet deep; 5 f. E. from village; water very brackish.	None; but few sheep abundant.	Two small woods or hamlets; good occupying ground. At 6 m. 2 f. Karia-lora, a deep ponds well nearly dry in February 1911. A good deal of open jungle in this stage.
		Ram King in Gadhra	17	1	—	—	To Gadhra heavy mud and mudfalling with very and there a high sand hill rising N. and E. the road good and hard over high ground.	Water in abundant; second not particularly good.	All sorts of provisions, reasonable prices and wool in abundance.	A large plain for this part of the country; occupying ground level and good. Half way past Chakra-lora, some small ponds of good water. Between Chakra and Gadhra are several isolated wells of good water 80 feet deep, the water from which is carried to Gadhra.
Total.			—	—	152	11				
11 Marches.										

TABLE No. 116. (1)

## FROM DEESA TO HYDERABAD, BY SOOREGAUM, NUGGUR PARKUR, RAOMA-KA-BAZAR, AND BUDDHENA.

GENERAL DIRECTION, N.W.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Parangs	Miles	Parangs				
General Officer Commanding Northern Division, Allahabad	Political Superintendant at Rubbaspur.	Transfer of baggage at Camp Deesa to Mandya.	11	0	11	0	Good tolerably good, but very heavy and so parts.	Large ponds well of tolerably good water, 100 feet deep, with enough to tank with plenty of good water on the 18th Novem- ber. In Decem- ber 1913, the well water found to be hot, and the tank water rose through dirt.	Moderate; 8 sheep can be procured in abundance.	Good occupying ground ENE. of the village which has 200 houses. Immediately on leaving camp cross a large well with high banks, and N. of the village, a small rural village, with water and supplies, and across the Karmur river, 600 yards broad, high banks and sandy bed; aris cross in the morning without any difficulty, occupying immediately after heavy rain. At 3 m. 2 f. Bopet, 20 houses, on the western side of the river; had occupying ground covered with jungle. At 7 m. 2 f. Lora, small village with walls, but no supplies; country covered with thick low jungle. At 8 m. 4 f. Bunde, 15 houses, and afterwards Bunde 10 houses.
		Carried over			14	0				

Authorities		Names of Stages	Distance				Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stages		Total										
			Miles.	Perching	Miles.	Perching									
General Officer Commanding Southern Division, Allahabad.		Political Superintendant of Allahabad.	Brought over .. ..	..	15	0									
			Dumra .....	15	0	25	0	Good tolerable, but S. of it through thal, people very narrow and winding.	Sticks, which some dry up, and S. with, with good water in some places, S. through it with.	Stops, which some dry up, and S. with, with good water in some places, S. through it with.					
			Belair .....	15	8	41	8	Good good and hard and sandy.	Belair Belair, 1 deep, water very good and abundant.	Stops, which some dry up, and S. with, with good water in some places, S. through it with.					
			Shamgaon .....	18	4	59	7	Generally good and hard, crossing between Belair and Baryap.	Stops and wells. The water in the latter rather brackish, may be procured from Baryap.	Stops, which some dry up, and S. with, with good water in some places, S. through it with.					
			To Hyderabad .....	50	8	..	..	..	..	..					
			Total .. ..	..	..	115	8	..	..	..					
		H. Mawla.													

TABLE No. 116. (2)

## FROM DEESA TO HYDRABAD, BY SOOREGAUM, VEHRAWOW, AND ISLANKOT.

GENERAL DIRECTION, NEW.

Authorities		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stages.						Total.
			Miles.	Furlongs.					
Genl. Officer Commanding Southern Division, Allahabad.	Political Superintendant of Allahabad.	Deesa to Moolayin.	14	0	14	0			Plate Table No. 118. (1)
		Dumra .....	15	0	29	0			
		Belair .....	15	8	44	8			
		Shamgaon .....	18	4	62	7			
		Katra Bata .....	13	1	75	8			Plate Table No. 119. (1)
		Shamgaon Tank ..	17	7	92	7			
Carried over .. ..				92	7				

File Table No. 118. (1)

File Table No. 118. (2)

Authority.		Names of Stages.	Distances.		Road and Rail.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Parangs.				
General Officer Commanding Madag. Div. (Lt. Col.) Kermadec.		Political Superintendent Thier and Parker at Oamaru.	Brought over.....	—	—	85	7	
			Leads or Remains (with new Chertops).	13	81	100	71	
			Yamouso	8	81	107	3	
			Somera Mahomed Khan	11	3	119	0	
			Burke	13	1	132	4	
			Alambale	17	8	149	1	
			Makere	13	0	162	2	
			Miles (note)	10	71	172	13	
			Madier La Thell	11	23	183	11	
			Wanga Bazar	13	23	196	0	
		Collector at Hyderabad.	Alak Alham in gate	30	0	226	0	
			Ilkha Li Tanka	13	1	239	1	
			Chandera	0	3	239	3	
			Arake Somera Li Gota	12	3	251	6	
			Makere Khan Li Tanka	13	3	264	0	
			Alkhoranjo Gota	13	7	277	7	
			Hydrabad Fort	3	11	280	18	
			Total.....	—	—	280	61	
			23 Marches.					
								File Table No. 10. (3)
								File Table No. 10. (1)

NOTE.—The above route from the 4 to Yamouso, across the River, is generally open for foot-passengers in October, and for wheeled carriages by the 1st November. Should much rain have fallen, the following detour round the head of the River may be attempted in lieu of crossing it; but if the River or country near the mouth of the Leucis about Kilra are should be flooded, which happens when any extraordinary quantity of water is brought down the river, it is necessary to cross still higher up, as at Tangra (see Table No. 116, (2)), or even at Garra (see Table No. 115) :—

General Officer Commanding Northern Division, Ahmednagar.		Political Superintendent at Palkhupur.	Amra to Jalda .....	13	7	13	7	Good cart-road, some parts heavy from sand, and the whole much confused by jungle.	One large level well with large cisterns and trough; water slightly brackish, 100 feet from surface.	Scanty; 8 slopes.	At 7 f. cross the Damra river, 81 f. wide. At 8 m. 81 f. below Damra, 30 houses, an inn. At 10 m. 81 f. Warrana, 20 houses. Past Jalda, 50 houses, on right, and encamp beyond it near the well.
			Lakosa .....	30	0	23	7	Dist.	Dist.; water from 100 feet from surface.	Xero .....	At 6 m. 1 f. Agtalia, 20 huts, 1 well in A; encamp near the well at Lakosa, a village of 15 or 20 huts, in an undulating sandy country, overgrown with jungle.
			Phatman .....	13	61	37	51	Dist.	Abundant, from 7 large wells with cisterns, all brackish but one in side the town to the S.	Abundant .....	700 houses; encamp 61. At 1 m. 31 f. Javatra, 40 houses, left. At 7 m. 31 f. Kanchi, 30 houses. At 12 m. 3 f. Malhepost, 30 houses.
			Chikroli .....	11	11	40	2	Through level country, partly cultivated, palm and mangoes in a good cart-road, in parts rather heavy.	Abundant from 5 or 6 stone wells X. of village, but all of these slightly brackish.	Moderate; 8 or 9 slopes.	Encampment ground XL. near the well. At 2 m. 21 f. Channavari, 30 houses. At 8 m. 31 f. Bacher, 30 houses. At 9 m. 31 f. Elna, 15 houses.
			Carried over .....	—	—	30	3				

Activities		Mileage		Food and Fuel	Water	Supplies	Remarks
Military	Civil	Miles	Percentage				
General Officer Commanding Western Division A. H. H. H.	Field Staff at Peshawar	Brought over					
		11	0	48	1	Good land and good water. The land is level and good. The water is good. The land is good. The water is good.	Small place. At 8 m. S. of Peshawar, 30 houses. At 9 m. S. of Peshawar, 40 houses. The water is good. The land is good. The water is good. The land is good.
General Officer Commanding The 1st Division	Political Agent at Peshawar	Express					
		9	6	52	0	Good land and good water. The land is level and good. The water is good. The land is good. The water is good.	Small place. In the morning, troops should camp at 8 m. S. of Peshawar, 40 houses. At 9 m. S. of Peshawar, 50 houses. The water is good. The land is good. The water is good. The land is good.
General Officer Commanding The 2nd Division	Political Agent at Peshawar	Wander					
		19	0	63	0	Good land and good water. The land is level and good. The water is good. The land is good. The water is good.	Small place. In the morning, troops should camp at 8 m. S. of Peshawar, 40 houses. At 9 m. S. of Peshawar, 50 houses. The water is good. The land is good. The water is good. The land is good.
General Officer Commanding The 3rd Division	Political Agent at Peshawar	Wander					
		10	0	63	0	Good land and good water. The land is level and good. The water is good. The land is good. The water is good.	Small place. In the morning, troops should camp at 8 m. S. of Peshawar, 40 houses. At 9 m. S. of Peshawar, 50 houses. The water is good. The land is good. The water is good. The land is good.
General Officer Commanding The 4th Division	Political Agent at Peshawar	Wander					
		11	0	63	0	Good land and good water. The land is level and good. The water is good. The land is good. The water is good.	Small place. In the morning, troops should camp at 8 m. S. of Peshawar, 40 houses. At 9 m. S. of Peshawar, 50 houses. The water is good. The land is good. The water is good. The land is good.
Total		11	6	63	0		
8 March							

TABLE No. 116 (3)

FROM DHESA TO HYDRABAD, BY SACHORE, TAMPER, OONHERKOTE, AND  
ALLIYAR-KATANDA.

### GENERAL INFORMATION

[illegible]

TABLE No. 104.

## FROM DAPOOLEE TO BEEJAPUR, BY KOOMBARLEE GHAT, KURRAB, AND JUTT.

GENERAL DIRECTION, SE.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stage.	Total.				
			Miles.	Furlongs.				
		From the Church at Dapoolee to Phorrooa.	10	5	Good cleared road across undulating country, some nullas bridged, soil red and rocky.	3 wells and Pataloo river.	1 shop	185 houses; encompassing ground E. At 3 1/2 f. pass Jogloah, 25 houses. At 2 m. 3 1/2 f. Noharwar. At 3 m. 4 1/2 f. cross a nulla 20 yards wide. At 5 m. 7 1/2 f. recross the nulla, and at 4 m. 2 1/2 f. cross again. At 6 m. 3 1/2 f. Koombarlee, 60 houses. At 7 m. 6 1/2 f. wall and dhurumala. At 8 m. 2 1/2 f. Waree, 8 huts. At 8 m. 6 1/2 f. commences a short descent. At 9 m. 1 1/2 f. end of descent. At 9 m. 4 1/2 f. a well.
		Nigdeh	11	5	Do.	Wells	None	20 houses. At 2 1/2 f. cross the Pataloo river, 20 yards wide, bed sandy, delay of some hours after heavy rain. At 2 m. 4 1/2 f. cross the Jalwani river, 70 yards wide, bed sandy, banks easy, a temporary bridge erected in the rains for 6 or 7 passengers. At 2 m. 7 1/2 f. a well. At 3 m. 4 1/2 f. Totalwaree, 25 houses. At 4 m. 3 1/2 f. cross a nulla 40 yards wide, bed sandy, banks easy, delay of some hours after heavy rain. At 6 m. 1/2 f. a large phoe, 200 houses, 100 shops, dhurumalas, Mameidair's kut-cherry and Police station; good encompassing ground under trees near the tank. At 6 m. 2 1/2 f. cross the Jagbodee river, 220 yards wide, bed sandy, not fordable during high spring tides; and in the rains, a small ferry boat for 20 men here. At 6 m. 6 1/2 f. Ebooteh waree, 40 houses. At 8 m. 7 1/2 f. Jamboorleah, 40 houses. Easy ascent from Ebooteh waree.
		Chiploon (Bazar) P.	12	0	Do.	Wells and river	300 shops; abundant.	1,000 houses, dhurumala, Police station, Mamuldar's kut-cherry, Moosai's court, Post office; encompassing ground near Bam tank. At 1 m. 4 1/2 f. Dalhoel, 30 houses and a dhurumala. At 3 m. 8 1/2 f. a well. At 10 m. 2 1/2 f. Pede, 60 houses, 10 shops, dhurumala and tank. At 11 m. 6 1/2 f. cross the Photee river, 200 yards wide, bed stony; a ferry boat here during the rains and high spring tides. At 13 m. 1 1/2 f. Mappo, 100 houses. At 13 m. 1 1/2 f. cross the Beemee river, bed stony; a ferry boat here during the rains and high tides.
		Bourganm	10	2 1/2	Made road, nullas bridged.	Do.	3 shops	175 houses and dhurumala; encompassing ground N. on the bank of the river. At 3 1/2 f. cross the Sew river (bridged). At 4 1/2 f. road to Bungumeshwar branches off to the right. At 2 m. Bhadoor Bhat, 10 houses. At 4 m. 1 1/2 f. cross the Kootalwary river (bridged). At 4 m. 6 1/2 f. Pimploe (small), 50 houses. At 6 m. 2 1/2 f. Pimploe (large) 150 houses, 1 shop; the Chiploon river runs along the left.
		Carried over	45	8 1/2				

General Officer Commanding Belgaum District, Belgaum.

Collector at Rutlangberry.



Architect		Access of Stages	Distance		Road and SoC	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Feet/Stage				
Political Representative Chamber and Trading at Omdurman	Brought over			201 1				
	Subs-in Time	15 1/2	218 1/2	Chained road	3 bullock walls between, fringed the bed of the barn.			new hole and a dharmasala on the bank river, with much jungle on the banks and in the bed, and the tops of cultivation to a former jang where the bank was high early 1840. The soil of the Chir is about 3 m to the right
General Officer Commanding British Mission, Khartoum	Geopon	13 1/2	238 3/4	Level road, still sandy with much (sandy)	3 walls in a dry place, but 2 back, one of them, jungle close to a barn, 200 yards E			1 for hole; (conspicuous) ground in the jungle to the SW of tank, which is filled only after an inundation of the lake, (tops of) river cultivation about here. Much jungle all along the road At 4 m S / see a small tank At 10 m S / see the Tostea tank.
	Twelve	18 1/2	256 0	Level road, first part crosses sandstone and concretional plate.	Continued plain, fringed from 3 walls.	Moderate, small lower grass across low turbid proceeds		400 houses, and an old fort 200 yards to W At 3 m past Cherty tank, several (remains of three walls in a dry tank At 8 m 1 1/2 At 11 m 1 1/2 / See 1 Chert, a few bricks, with one wall, on the bank at below road, on a concretional plate.
General Officer Commanding British Mission, Khartoum	Newspaper P.	7 1/2	263 1/2	Marked out, but heavy through a sandy plate, some or low cultivated, and much cut up by canals.	Abundant	Abundant		At low a wall fort, Collector's bungalow, and dharmasala, a few grove of orange trees under the walls, it is in good repair, and has quarters for 200 men. Country highly cultivated
	Al-Rayan-in Tank	17 1/2	281 1/2	Ditto	Abundant, good, from W.	Abundant, from S. some grass across, but barren, abundant		At low a wall fort, dharmasala, an 1 Collector's bungalow, good (conspicuous) ground. At 3 m 1 1/2 and 4 m 7 / past canal villages with 3 bullock walls At 11 m 1 1/2 / across the Khartoum, or Khartoum (wall), bullock cattle. At 13 m 3 / past Baboon or Ka- tiroo 80 yards, and 8 walls of good water At 13 m 1 1/2 / across the flag, or Giffen Wall, slope, the 8 canals in this stage
Collector at Khartoum	San Esh in Tank	13 1/2	294 1/2	Good road, over a level country, and cultiva- ted place, but much broken by canals.	Abundant from W. walls within the village, and S across.	Abundant, from S. some grass across		large place, of 800 houses, surrounded by garden and grove, and located in a deep canal running to the W, country an extensive place, several small hamlets (all the places surrounded by trees and cultivation, the latter extending along the banks of the canals, which are all filled during the com- pletion At 8 m 8 / cross the Riverine Wall, a broad and deep canal from the E to W, in all 10 canals on this stage. A dharmasala on San Esh in tank.
	Hydrated Fort S P T	10 1/2	304 1/2	Ditto	Abundant	Abundant		At 5 m 1 / past Debia, 80 yards and 1 slope where the screen of the S.M. Mura 18 of tank place At 8 m 1 1/2 / Jeyla 20 yards, and 3 slopes At 7 m 1 1/2 / Thiraga, 80 yards, At 6 m 3 / At 5 m 1 / from Khan in Eshir, 80 yards, At 8 m 1 1/2 / Mahasud 21 m 1 / from At 8 m 1 1/2 / across the Faltive river, gen- erally dry in October, with the strip of jungle 100 yards level, banks steep of sand dry, from 25 to 95 feet deep, a system and
Total			304 1/2					
21 March								

Notes I.—This route across the Desert was followed by the 1st U.S. Cavalry between 15 February and 15 March 1881, and was found practicable through out for army, and having several small Reservoirs. The only difficulties encountered, say difficulty, were (these being on Mendocino and Comstock, a distance of 110 miles). Grass and water to be found plentiful, and with some attention in drawing wells and prospecting triangle, i.e., no serious need to apprehend lack, except after great drought. This would be the best route during the early part of the year.

Notes II.—There is another route from Fresno to Comstock, by Hanover, or Indio, reached by the 9th Regiment Y I in 1881, but is some miles longer, and not so good a road.

Chemical Officer	Chemical Assistant	Inspector, Lab	Technical Experts	Chief of Police	Deputies	Other	Notes
					110	1	
					111	1	Heavy road, windless, clear and cool, mild 11th.
					112	1	Heavy and black, some rain from 7 PM on, very, under from 12 to 12.30, damp
					113	1	

Notes Table No 111 (2)

1. Saw bats on a window. The window was covered immediately on hearing. Very noisy, but many are avoided by following the village, which are often heard, with some noise, in the dark, and occasionally in the light.

Authority.		Name of Stage	Distance		Road and Soil	Water	Supplies.	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages				
		Brought over			118	1		
		Ganar	13	0	128	1		Road heavy through mud, but quite passable for light gear though a narrow strip of deep water is to be seen in places. The ground is very soft, being underlain by coral.
		Tatam	8	1	185	2		As before but not quite so heavy.
		Aggar	10	6	195	0		As before, but several small pools of water.
		Chayin	13	1	208	1		As before but very heavy mud.
		Chayin P	7	0	215	4		As before but very heavy mud.
		In Hyderabad, above.	128	8				
		Total			808	1		
		25 Mares						

TABLE No 117

## FROM DHESA TO JHYSULAMER, BY BALMER.

GENERAL DISTRICT NEW

Authority as		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Military District, Tanjore	Agent to the Government General for the Protection of Persons or Property at Ajaccio or National Agent in Ajaccio	From Dhesa to Ganar			7	3		V to Table No 118  } This Table No 118 (2)
		Chayin	17	6	90	0		
		Gulib	10	2	100	2		
		Tatam	12	0	112	2		
						121	2	

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Range							
			Miles	Perchages						
General Officer Commanding Military Division, Lahore		Agent to the Government-General for Afghanistan at Agra, or National Agent at Kandahar								
		Brought over		151	8					
		Barka	20	8	171	8	Tolerable cart-road	Abundant good, from tanks	Baran	80 houses, a large village. At 8 a.m. 17/2000, 80 houses at 1 tank, no supply country between and up to 2000. At 12 a.m. 17/2000, 80 houses, water, and supplies limited.
		Gurga	18	6	189	8	Good cart-road, over level country, generally hard and open	Ditto	Moderate	100 houses, a large village; a low range of rocky hills to the W of the road near which there is some cultivation. At 4 a.m. 17/2000, 80 houses, no supply. At 8 a.m. 17/2000, 80 houses, 10 tanks, 10 to 15 a.m. of road. At 11 a.m. 800, a village of 300 houses, with a sort of horse station, a large tank and moderate supplies. A detachment from Jalandhar is stationed here.
		Vijaypur	18	6	207	0	Good over level and open country	Good and plentiful from tanks and wells	Dikrota	100 houses, a large village. A small and fast and a Jalandhar tank. The whole of the road from Baran or part of it is cultivated and the soil generally hard and good for crops. A new road is part of the road from Gurga, but through a valley formed on the W by low hills, which are not high and part from Jalandhar, and there are some river tanks. The boundary hills cover at the 14th mile, they are very low and particularly easy to be passed by carts. At 8 a.m. 17/2000, 100 houses, several wells with good water, a small station. At 10 a.m. 17/2000, 80 houses, and a large tank, very good water.
		Barka	14	7	221	7	Cart-road, sandy and heavy, chiefly over low marshy.	Plentiful and good from tanks	None	3 or 4 tanks. The greatest part of it is a road from the last stage over a succession of low hills, the last 2 m. is a hard gravelly valley, with abundance of water, and hills or no cultivation on the road and no jungle though the soil is sandy. At 3 a.m. 17/2000, 80 houses, 50 to 60 small houses, on a small sand fort, water from tanks. At 8 a.m. 17/2000, 100 houses, with tanks. At 10 a.m. 17/2000, 20 houses, 1 tank, and 11 a.m. the supplies at these places.
		Dikrota	12	6	233	6	Ditto	Plentiful and good from a large tank and 6 wells in Kank 12/2000	None	80 houses, on a low rocky range, the route here through a pass sandy or muddy and an embankment of iron with one or two small tanks on intervals, some good and bad. At 6 a.m. 17/2000, on the left of the road, with a small fort on a hill, a tank, but no supplies.
		Jalandhar	8	8	241	7	Good road	Plentiful and good from tanks and wells	Abundant of every kind, excepting to some extent, but from a distance by purchase.	At 1 a.m. 17/2000, a low range of rocky hills, which the road passes to a distance of 100 m. At 3 a.m. 17/2000, by a large tank to the W of which are the town and fort of Jalandhar, the capital of the district. The whole of the road from Jalandhar through an impervious country, the country is very water, and at a great distance below the surface, but water, in the distance and vicinity of the road, water is very abundant for many miles. The country round Jalandhar for many miles is a sandy desert, a succession of valleys or marshes, (some several miles long and three or four broad, of yellow sandstone, the strata of which dip gently to the westward, and cross out on the eastern side with a bold profile 50 or 100 feet high. The only patches of 1000 houses, and in the southern end of one of these ranges, sandy limestone, and quarried in every direction on the S. side, but within the
		Carried over			249	7				

TABLE No. 106. (1)

## FROM DAPOOLEE TO KOLAPOOR, BY THE AMBA GHAUT.

GENERAL DIRECTION, SE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Belgaum District, Belgaum.		Collector at Ratnaghar.	From the Church at Dapoolie to Phor-ror.	10 51	10 51	Good cleared road over undulating country.	.....	.....
			Negdeh .....	11 54	23 34	.....	.....	} Vide Table No. 104.
			Chiploun .....	12 6	35 14	.....	.....	
			Sawarde .....	10 51	45 01	.....	.....	} Vide Table No. 100.
			Arrowlee .....	8 07	53 71	.....	.....	
			Sungumsehwar .....	11 7	65 03	.....	.....	
			Dowrookh .....	10 5	70 81	Cattle track .....	Wells and river	10 shops.....
		Political Agent at Kolapoore.	Sakurpe waree- tion of road from Ibrampoor.	7 7	81 24	Idlio .....	River .....	From Ibram- poor.
			Ambagaum .....	7 51	88 0	Made road for 2½ miles to the foot of the Amba ghaut. The road up the ghaut is a cattle track and very steep and dif- cult.	7 wells.....	1 shop.....
			Malkapoor .....	10 01	108 01	Country cart track .....	Wells and river	Abundant. 150 shops.
			Carried over...	108 01				
								442 houses and dhurumalas; encamping ground N. At 1 m. 5 f. Lowla, 30 houses. At 2 m. 7 f. cross the Sown river 185 yards wide, bed sandy, not fordable during heavy rain. At 4 m. 4 f. Kumbull, 160 houses. At 5 m. 4 f. commence ascent of Korumbeche ghaut. At 5 m. 3½ f. top of ghaut. At 5 m. 7½ f. Tambuttichee waree, 35 houses. At 8 m. 3 f. cross mulla to Sadcoole, 80 yards wide, delay of a few hours after heavy rain. At 10 m. 2½ f. cross the Suplinge river, 30 yards wide, bed sandy, delay after heavy rain.
								12 houses; encamping ground W. At 1 m. 6 f. commence descent of Luman ghaut. At 2 m. 7 f. end of descent and cross the Rho river 120 yards wide, fordable in November; a ferry boat about 2 miles south. At 8 m. Guoloo waree, 25 houses & commence ascent of Wumlocchee ghaut. At 4 m. ½ f. Waree, 100 houses, 10 wells. At 4 m. 8½ f. top of ghaut (steep). At 8 m. ½ f. commence descent of Khond Gaumchoo ghaut. At 7 m. ½ f. end of descent and cross mulla 18 yards wide. At 7 m. 2½ f. Kondgaum.
								50 houses, 2 dhurumalas; encamping ground E. At 1 m. 1½ f. Sakurpe, 15 houses. At 1 m. 8½ f. Baleywaree, 8 houses. At 2 m. 3½ f. Moosce waree, 12 houses, Police chowkee, and a large dhurumala for 200 travellers. At 3 m. 1½ f. Moosce, 100 houses. At 4 m. 8½ f. cross the Kanjee river, delay of some hours after heavy rain. At 5 m. 1½ f. commence ascent of the Amba ghaut. At 6 m. 7½ f. top of ghaut. At 7 m. 2 f. a tank.
								300 houses, 2 dhurumalas; encamping ground on the right bank of the Cholee river SE. of the village. At 7½ f. Tulowrah, 15 houses. At 2 m. 3 f. temple and well. At 3 m. 6½ f. Ohandooloo, 40 houses. At 4 m. 0½ f. a temple. At 5 m. 1½ f. cross the Karweh river, 50 yards wide, bed sandy; delay of 8 days after heavy rain. At 7 m. 2½ f. Noh-gaum, 60 houses.

TABLE No 118

FROM DEESA TO JOODPOOR. BY SEEBROTEN AND PALLER

CHARTERED ACCOUNTANTS, J.P.A.

[illegible]

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.						
<hr/>										
General Officer Commanding Mhow Division, Mhow.  Agent to the Governor-General for Rajpootana at Ajinero, or Political Agent at Jodhpoor.		Brought over ...	...	...	112	4				
		Gondase ..... B.	12	3	120	0	Road good and hard soil generally black.	Abundant and good, from 1 large tank and several wells.	Moderate ...	400 houses, nearly deserted in 1849; travellers' bungalow; encamp N., near the tank, on a plain. At 1 m. 7/8 f. Bodase. At 10 m. Deegree, a few huts. Country as before.
		Palloo ..... B.P.T.	11	5	137	5	Ditto ...	Abundant, from wells and tank.	Abundant, of all kinds	A large open commercial town, with a tra- vellers' bungalow; good encamping ground near it. At 8 m. 1/2 f. pass Mundlee, 60 houses and 2 wells; cross a broad, shallow, sandy river S. of Palloo; country as before. Pal- loo is celebrated for its printed cloth and iron manufactures.
		Karha .....	0	3	147	0	Road excellent, on an open plain.	Good, from tanks.	Scanty.....	A middling village.
		Bohut .....	8	7	155	7	Sandy, over undulating ground.	Good, but scarce.	Procurable ...	A large village.
		Mogra .....	12	7	168	0	Hard and good in some parts, and in others sandy, over an open plain.	Bad, from wells ...	Must be col- lected.	Small village; cross the Loonee by ford, small rill of brackish water.
		Jodhpoor or Jodh- poor. P.	11	3	...	...	Sandy and heavy ...	Abundant .....	Abundant ...	An extensive walled town, surrounding a stone fort built on rock, which is scarped all round so as to be almost perpendicular; very little cultivation, and patches of jungle.
		Total.....	...	...	180	1				
		10 Marches.								

TABLE No. 119.

FROM DEESA TO MANDIVEE, BY RAHDINPOOR, ARDYSIR, ANJAR, AND MOONDBA.

GENERAL DIRECTION, SW. BY W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.			
General Officer Commanding Northern Division, Amritsar.	Political Superintendent at Fathelpoor.	Camp near Deesa to Sammow.	13	5	13	5	.....	.....	Tide Table No. 83. (1)
		Gondra .....	13	7	26	4	.....	.....	
		Oon .....	14	2	40	0	.....	.....	
		Rahdinpoor.....	11	1	51	7	.....	.....	
		Waryo .....	10	7	62	0	.....	.....	
		Babra .....	13	3	75	0	.....	.....	
		Bajoo .....	12	7	87	7	.....	.....	
		Ardysir .....	12	4	101	3	.....	.....	
		Bhoomsair .....	7	3	108	0	.....	.....	
		Chitizore .....	15	7	123	5	.....	.....	
		Carried over...			124	5			

Vide Table No. 83. (1)

Authorities		Name of Stage.	Distances		Road and Soil.	Water	Vegetation	Remarks
Military	Civil		Stages	Total				
			Miles	Postmiles				
General Officer Commanding Madras Division, Bangalore		Brought over		12 1/2				
		Laksh	8 4	122 1/2	Generally good and sandy, rocky near Chidambaram, and about 1000 yds. into rain.	small tanks, good water in tank, but several others	Abundant, 70% sleep.	small wetland area in a bushy country, and some open ground. At 4 1/2 from Laksh across a small sandy river, many people in the road.
		Brachery	18 4	140 1/2	Good but sandy and rocky, very dry in the rain.	Some small tanks and many wells mostly brackish.	Abundant	183 houses, and a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Chidambaram	14 7	154 1/2	Clay	Good water and many tanks; 1 m. SW	Abundant, 1 m. sleep.	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Anga	10 8	164 1/2	Good and good, over a plain.	Abundant and excellent, from river, tanks, and wells.	Abundant, 1 m. sleep.	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Kayman	8 0	172 1/2	Heavy and sandy, brown low hills.	Some small tanks and many wells mostly brackish, a good tank.	Abundant	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Chidambaram	10 8	182 1/2	Hard, but sandy, and set up by creek.	Good, from wells, at Chidambaram, and river with good water.	Abundant, 1 m. sleep.	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Mondra	10 8	192 1/2	Barren and sandy, some heavy sandy soil; but 8 m. very heavy.	Abundant from numerous wells, river and tanks.	Abundant, 1 m. sleep.	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Kayman	8 0	200 1/2	Good 8 m. very heavy and sandy, then hard and some much intersected by streams.	Good of good water, 2 m. good water and a river of some tanks, a.	Moderate.	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Chidambaram	18 7	218 1/2	Generally heavy, some deep sand, and some of water.	Abundant and good from wells and river.	Abundant, all land.	100 houses, a small hill fort; some open ground NW, and some open; also S. 2 1/2 m. 4 1/2 from Brachery, 90 houses. At 10 m. Vengur, 100 houses. 8 slope a good wet and tank. Country here and rocky. Signs and tanks succeeded by forest trees.
		Total		218 1/2				
		19 March						

Location		Height of Peaks	Elevation			Road and Soil	Water	Vegetation	Remarks
			Range	Total					
Military	Civil		Actual	Approximate					
National Agency at Moberly									
		Height over		134 5/8					
		Latoh	8 4	132 1/2	Generally good and sandy; sandy clay. Chert, and some rock were also seen.	Small creek, good water in a tank, but several others.	Abundant, 70 ft deep.		Small creek runs in a sandy country; good water; some grass 8 ft. At 4 ft from bottom some small sandy river, some people on the road.
		Thatcher	16 4	148 5/8	Good, but sandy and wet, swampy in the river.	Some small tanks and many small sandy brooks.	Abundant		800 houses; and a small 10 ft. deep, occupying ground 1/2 mile and grasses also 8 ft. At 4 ft from bottom, 40 ft. deep. At 10 ft. 1/2 mile. 8 ft. deep a good well and tank. Country low and level, hills and rocks scattered by small trees.
		Shannon	14 7	138 1/4	Do.	Good water, small tanks (as in SW)	Abundant, 8 ft deep.		100 houses; swampy 8 ft. At 8 ft. from bottom, 100 houses. At 8 ft. 1/2 mile. 40 ft. deep, with some 100 yards wide but no considerable stream; some small rocks and some low sandy ground with people; the stream about 3 ft. in the tank.
		Anger	10 8	124 3/4	Dark and good, over place.	Abundant and excellent, from river, tanks and wells.	Abundant, 1/2 mile large house.		A small town, occupying ground 8 ft. or 10 ft. on good ground. At 8 ft. 1/2 mile. 10 houses, 100 houses, the last half of the road (the people the road continued).
		Krynos	8 0	118 1/2	Sandy and sandy in trees low hills.	Abundant, with large, 1/2 mile tank.	Abundant		100 houses, occupying ground on the 1/2 mile tank low and grassy, better ground about 1/2 mile. At 8 ft. 1/2 mile. 10 houses, 100 houses, the last half of the road (the people the road continued).
		Thomson	10 5	125 1/2	Good, but sandy, and not up by creek.	Good, from wells, 1/2 mile tank, sandy dirt in. Thatcher and river with good water.	Abundant, 1/2 mile large house.		80 houses, good swampy ground when the creek is not, at 10 ft. from bottom, on the 1/2 mile. At 8 ft. 1/2 mile. 10 houses, 100 houses. Country open and cultivated.
		Shannon	10 8	138 1/2	Barren and sandy, from by bridge, some heavy sandy soil; but 1/2 mile heavy.	Abundant, from numerous wells, covered by trees.	Abundant, 1/2 mile large house.		Abundant, a small town, occupies of 1/2 mile in circumference. In good crops, cultivated 100 houses. To the 1/2 mile is a dry river, and across it some few gardens and trees. Around the town a well cultivated and open neighborhood. Under on the 1/2 mile to 1/2 mile. 10 houses, 100 houses, the last half of the road (the people the road continued).
		Shannon	8 8	121 1/2	Good 8 ft. very heavy and swampy. Good and sandy, some small brooks, but 1/2 mile swampy.	Good 8 ft. very heavy and swampy. Good and sandy, some small brooks, but 1/2 mile swampy.	Abundant, 1/2 mile large house.		100 houses, very good swampy ground 8 ft. on one side. At 8 ft. from bottom, 10 houses. At 4 ft. 1/2 mile. 10 houses, 100 houses, the last half of the road (the people the road continued).
		Shannon	18 7		Generally heavy, but deep sand, and some of water.	Abundant, good from wells and river.	Abundant, 1/2 mile large house.		Large creek runs in a sandy country; good water; some grass 8 ft. At 4 ft from bottom some small sandy river, some people on the road.
		Total		227 1/2					
		19 Moberly							

National Agency at Moberly



TABLE No 120.

FROM DRESA TO MHOW, BY BHERSULNUGGUR, BHERJAPPOOR, HURSOLE,  
BHERPOOR, LOONAWARA, AND DOHUD.

GENERAL DIRECTIONS, SEE, ET 8

Authorities		Names of Places	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Miles	Perangs				
			Miles	Perangs				
General Officer Commanding Northern Division, Allahabad	Political Agent Mysore District at Allahabad	Dresa to God	11	04				74th Table No 7
		Maya	8	0				
		Bherjapoor	8	5				
		Bherjapoor	7	4				
	Resident at Bherjapoor	Bherjapoor	18	5	Good level and road	Large tank and abundant wells, water abundant		A walled town, country cultivated; encamping ground N, near a tank. Pass at 2 m 11 f Warrington well, tank, and 80 houses. At 5 m 31 f Tarrich, 2 wells, 8 tanks, 2 shops, and 60 houses. At 7 m 13 f Kirdowar well, tank, 2 shops, and 100 houses. At 9 m 6 f Mysore well, tank, and 10 houses. At 11 m 04 f Karna, 2 wells, 1 tank, 1 shop, and 180 houses, across Karna river here.
		Bherjapoor	16	4	Ditto	Plentiful, 11 wells and a tank	Plentiful, 1000, 60 houses, extensive encamping ground near a tank. At 8 m 8 f pass Geyara 2 wells, and 80 houses. At 9 m. Geyara, 180 houses, 2 wells, and tank and 0 shops. At 9 m 51 f Putham, Bherjapoor village 1 well. At 11 m 03 f Putham, 280 houses, 2 wells a tank, and 5 shops. At 12 m 4 f Geyara 200 houses, 80 wells, 4 shops	
		Bherjapoor	18	7	Ditto	2 wells and 1 tank	8 shops	
		Bherjapoor	11	0	Ditto	Good and abundant wells	Medicine	
	Political Agent Mysore District at Allahabad	Bherjapoor	9	11	Good road, soft sand.	4 wells and 1 tank, 4 shops		Tumrany a large enclosure, now a small Police station with house, Post office, tea valley bungalow, and 2 dharmashtas, good encamping ground near the bungalow, on the banks of the Mysore river. At 1 m 01 f across a small river to Bherjapoor, 60 houses, 1 well, 1 tank, and 2 shops; country generally covered with low jungle, with cultivation near villages. At 4 m 3 f across the Karna river to Dresa, 180 houses, 12 wells a tank, and 4 shops. At 7 m 51 f Dresa 20 houses well, tank, 1 shop, across Maya river close to Bherjapoor, high banks
		Bherjapoor	9	11				
	Political Agent Mysore District at Allahabad	Bherjapoor	9	11				200 houses, and good encamping ground SW of village. At 2 m 3 f pass Karna to Karna, a small Bherjapoor village 1 well. At 3 m 8 f Karna to Bherjapoor, 1 well. At 3 m 6 f Bherjapoor 20 houses well, and tank. At 5 m 8 f Karna to Bherjapoor, 1 well from whence pass the Mysore river. Dresa try thank people, and unfriendly about the village
		Bherjapoor	9	11				
	Political Agent Mysore District at Allahabad	Bherjapoor	9	11				
		Bherjapoor	9	11				

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles	Percentage					
General Officer Commanding Northern Division, Assam	Political Agent Khasi Hills at Jorhat	Brought over			80	01			
		Way	0	0	100	04			
		X							
		Malim	7	51	112	02	Ditto	2 wells	Abundant
		Georgie	15	51	125	01			
		Komman	7	05	132	18			
		Angora	18	4	150	04			
		Lopah	10	0	160	05			
		Katral	13	7	173	04			
		Komman	7	0	180	03			
		Dohal	16	4	196	02			
		Komman	20	4	216	04			
		Georgie	0	4	216	05			
		Way	0	4	220	03			
		General Officer Commanding Khasi Division, Khasi	Agent to the Government of the Khasi Hills at Jorhat	Trie	13	7	233	01	
Georgie	11			1	244	01			
Angora	9			8	254	13			
Dohal	13			0	267	03			
Komman	0			8	277	04			
Georgie	7			1	284	02			
Angora	10			14	294	04			
Way	7			4	301	01			
Total					301	01			
20 March.									

TABLE No 121 (1)

FROM DEISA TO NERMUCH, BY KEDUR, KHAIRWARA, AND OODEYPOOR.

GENERAL DIRECTION, &amp;c

General Officer Commanding Southern Division, Ahmedabad

Authorities		Name of Stage	Distances				Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stage		Total										
			Miles	Package	Miles	Package									
General Officer Commanding Southern Division, Ahmedabad	Political Agent at Pahlunpore	Deesa Government to Chavandhar	9	2	8	3	Road good, but heavy with water for eight months.	3 wells and a tank, with water for eight months.	Moderate	200 houses, and good occupying ground. At 2 = 5 / pass Deesa, 40 houses, good wall and tank. At 3 = 1 / Deesa (about), 60 houses, wall, and tank. At 5 = 3 / Deesa (about), 50 houses, wall and tank. Country very dry and sandy. Pass two wells on the road.					
		Pahlunpore (Deesa Government) to Gals	9	3	10	6	Little	Plentiful, from abundant wells and tank, for four months.	Abundant	A large walled town, best occupying ground. At 2 = 5 / pass Deesa, 40 houses, good wall and tank. At 3 = 1 / Deesa (about), 60 houses, wall, and tank. At 5 = 3 / Deesa (about), 50 houses, wall and tank, and several shops, with supplies.					
		Roopal	10	3	22	1		1 tank, and water for eight months, also 5 wells.	4 shops	120 houses, in open ground, extensive to trees and cultivation all round. At 2 = 1 / pass Deesa, 40 houses, and the Omar river, which is crossed at 3 = 2 / At 3 = 5 / Deesa, 60 houses, wall and tank. At 4 = 1 / Deesa, 15 houses, wall and tank. At 5 = 1 / Deesa, 15 houses, wall and tank. At 6 = 4 / Deesa, 200 houses, 15 shops, and 30 wells. At 8 = 5 / Deesa, 20 houses, and wall, supplies sandy.					
	Headquarter at Barvala	Madhyapoor	10	2	20	3		4 wells	3 shops	220 houses, occupying ground N of town. At 2 = 1 / pass Deesa, 40 houses, and 4 at top 3 wells, and Oomara river, which crosses at 3 = 5 / At 4 = 2 / Deesa, 60 houses, wall, and river. At 5 = 1 / Deesa, 15 houses, wall and tank. At 6 = 4 / Deesa, 200 houses, 15 shops, and 30 wells. At 8 = 5 / Deesa, 20 houses, and wall, supplies sandy.					
		Wakana of Deesa	14	0	14	3	Clay road, good, but sandy and heavy for 6 w., afterwards harder	Abundant river	Scarce	20 houses, on the right bank of the Deesa river, and 15 houses deep at the ford, waterable at times in the river, good occupying ground on both banks, even the river by a bed of sand and pebbles. At 2 = 5 / pass Deesa, on the Deesa river, 1,400 houses, and with shops and wells. At 3 = 4 / Deesa, 180 houses, 15 wells, no supplies. At 5 = 5 / Deesa, 20 houses, 4 wells. At 10 = 5 / Deesa, 24 houses, 3 shops, 30 wells, cultivation round the village. At 12 = 1 / Deesa, 40 houses, a shop, and a wall. At 14 = 4 / Deesa, 60 houses, 10 shops, water from wells and Deesa river; cultivation all round.					
	Political Agent at Khayr Khata at Deesa	Deesa D F	14	3	66	5	Good road, still sandy for 5 w. afterwards hard, this people are much sick, with chol. threaten in parts	7 wells and two tanks, abundant water always	Abundant, from	A large town, the principal of the province, travellers bazaar and Post office, occupying ground S, with a fine tank and wells near. At 2 = 5 / pass Deesa, 40 houses, and 3 shops, with good water from wells. At 4 = 4 / Deesa, 180 houses, with supplies in abundance, and water from 30 wells. At 5 = 5 / Deesa, 180 houses, 10 wells, and abundant supplies. At 11 = 7 / Deesa, 40 houses, and 3 wells, no supplies.					
		Current over			66	5									

Authority or		Name of Stage.	Distance		Road and Soil	Water	Supply	Remarks.	
			Stage.	Total					
Military	Civil		Miles.	Feetings.	Miles.	Feetings.			
General Officer Commanding Northern Division Aizawl.		Brought over		91 8					
		Disorderly, or No route	11 7	90 4	Good road, and at first, the road afterwards steady, on dry till in jungle and in parts cultivated.	Wells, trees, and Buddhist in the	Disorderly stage	800 houses; crossing K. At 4 m. 1/2 pass Lakpa; 60 houses and 10 wells on the Gee, river. At 4 m. 3/4 cross the Kyau river. At 7 m. 8/10 houses or houses and river. 40 houses, stage, and water then cross from wells and river. At 8 m. 8/10 houses, 20 houses, 7 wells and Buddhist river. At 9 m. 5/10 houses. 40 houses 5 wells and river.	
		Trails, Trails	11 8	91 6	Good road, through wells thick jungle		3 stages	100 houses. At 1 m. 6/10 pass Mawla a few houses with wells. At 3 m. 5/10 Glims, the same. At 7 m. 7/10 Bhagya, 400 houses, some houses of good water and supply on a standard camping ground. All the line all round.	
		Trail	12 1	102 7	Good but very narrow over steady soil and through jungle.	Thin wells	All. Good p Housed up piles, pos- sible.	A small fertile town of 200 houses among 7. At 7 m. 1/2 pass Jala, and at 8 m. 8/10 Bhagya, small houses with a few wells There is a small road for horses to take the saddles from Trails Trails to Trail	
				5					
General Officer Commanding Khow Division, Mhow		Khow	8 3/4	112 1/4	A road has been cleared from Trail to the place through a nar- row valley or river bed, but from being little used it has be- come overgrown and a narrow path has formed by rain and several wells, some stone. It only re- quires re-clearing.	Wells and wells water abundant	3 stages	100 houses, excellent camping ground.	
		Chakravart 7	10 3/4	122 4	The cleared road still but well up and dry and a narrow path still exists from its place of departure from Chakravart to Mhow	Plentiful first of rain and water.	Plentiful good and large house	700 houses on old fort and the headquarters of the Hill and Corps. Pass at 1 m. 1/2 in case 100 houses, water from trail, and wells and supplies plentiful	
		Chakravart	14 1/4	136 1/4					Trail Table No. 12. (1)
		Trail		152 1/4					
		at Mhow.							





Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
General Officer Commanding Mhow Division, Mhow	Agent to the Governor-General at Ajmer and the Political Agent at Chudaypur	Brought over			100	0		File Table No. 13 (Q)
		Gangh	12	0	102	0		
		Kacobar	12	0	114	0		
		Kyrah	12	7	126	1		
		Kangraon	12	0	138	7		File Table No. 14 (L)
		Mandhar	12	5	150	4		
		Mandhar	12	1	162	5		
		Kyagrah	7	0	169	5		
		Mandhar	7	0	176	5		
		Total to Mandhar			200	6		

TABLE No 121 (4)

FROM DEESA TO NHEMUCH, BY DOONGURPOOR AND PURTABGURH.

GENERAL DIRECTION, NE TO DOONGURPOOR AND NW TO

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Furlongs	Miles	Furlongs		
General Officer Commanding Mhow Division, Mhow	Agent to the Governor-General at Ajmer, and Political Agent at Chudaypur	Deesa to Doongurpoor			12	0		File Table No. 121 (Q)
		Mand	12	7	102	5		
		Kyagrah	10	7	112	4		
		Mandhar	8	1	120	5		
		Mand	8	0	128	5		File Table No. 13 (Q)
		Mand	12	0	140	0		
		Paltan	7	0	147	0		
		Mandhar	8	0	155	0		
		Deesa	12	4	167	4		File Table No. 14 (Q)
		Purtabgaurh	7	4	174	0		
		Mandhar	10	0	184	0		
		Mandhar	11	0	195	0		
		Total to Mandhar	10	4	205	1		

TABLE No 121 (5)

FROM DEESA TO NEMUCH, VIA SEEROHEN AND THE CHUTTERBOO PASS.

GENERAL DIRECTION, N.E.

Antecedent		Name of Range	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stops	Total				
			Miles	Miles				
			Parbhang	Parbhang				
<p>Agreed to the Government Agent for the Deesa and Nemuch Passes, and the National Agent at Chatterboon.</p> <p>General Officer Commanding Mhow Division, Mhow.</p>		Deesa, Chatterboon to Seerohen	12	102 85	Country very hilly, good soil and level, occasionally rocky	1 mile	1 day	See Table No 118
		Seerohen	13	114 01	Good narrow	Abundant, water	2000 sheep	200 houses, occupying ground sandy and covered. Part ranges at 4 m. At 7 m 1/2 hounds a considerable herd and some other one river and three miles
		Chatterboon	14	128 11	Country staided with small hills, road through the Pass for with a gradual ascent	1/2 mile	None	Small village, occupying ground sandy. The country being hilly. At 6 m. 1/2 hounds. At 8 m. 1/2 hounds, small village. 1 day 4 hounds, and cattle. At 9 m. 1/2 (the end of the Aravalli mountains) commenced by a gradual slope, which continues for about 1/2 m. on a very rugged road in the bed of a well. The road for 1/2 of the road is in very steep, with many trees, after which the road lies through an extremely deep narrow rocky pass, lined with steep cliffs continues to the top of the Chatterboon or Seerohen pass, the descent again from the top is gradual, the road is very good, and through small rocky hills, and about 1/2 m. in length. The pass is practicable for bullock carts, but not for wheeled carriages of any description. There is a small high pass, in the west of the Aravalli, according to Seerohen. Cross 5 miles.
		Parbhang	10	138 11	Road bad, being along a well and soil	1/2 mile	2 days	20 houses, country hilly and cultivated in parts. At 1 m. 1/2 pass Seerohen. At 1/2 m. 1/2 hounds, 1/2 hounds and 2 sheep. The road gradually descends from the Chatterboon of ghats having rocky heights and frequently rugged and rounded between hills; for the last 1/2 miles it is a wide along the many descent of a wide valley and is very rough, but nowhere difficult for bullock carts and it might even be made good for carts without a great deal of labor.
		Kanderwah	12	150 13	Road good but rough, in some places, level	1/2 mile	None	A pass at the southern end of an active lava lake called Raj Seerohen. From Seerohen at 3 1/2 m. At 5 m. 1/2 hounds. At 6 m. 1/2 Chatterboon. At 7 m. 1/2 hounds. At 8 m. 1/2 hounds. Road passes along the base of the mountain of the lake for the last 1/2 m. and for 4 m. before along the mountain above. Cross the Seerohen river and 2 miles
		Chatterboon	14	164 13	Road good and level, hills at a distance	1/2 mile	2000 sheep	200 houses. Part ranges at 4 m. 1/2 hounds. At 6 m. 1/2 hounds. At 8 m. 1/2 hounds. At 10 m. 1/2 hounds. Cross the Seerohen river and 5 miles
		Deesa	8	172 41	Road, generally rough in some places	1/2 mile, and 1/2 mile	2000 sheep	200 houses, occupying ground good as an open plain. At 6 m. 1/2 hounds. At 4 m. 1/2 hounds. At 7 m. 1/2 hounds. The first 2 m. is plain covered with low jungle where a ridge is crossed by an easy pass, and for the remaining part the country is undulating and raised into high hills
		Deesa	8	180 41				
		Deesa	8	188 41				
		Deesa	8	196 41				



Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Ministry	Civil		Miles Postage	Miles Postage				
General Officer Commanding Mysore District of Mysore	Agent to the Governor-General for Mysore and the 2nd Assistant Agent at Coimbatore	Brought over		182 4	Good generally rough roads and a track in some places	None	None	80 houses, occupying ground good and open. From at 7 m 1/2 Kappanna 800 houses and a good house. At 8 m 4/5 Palkhara Road rough in parts and several water-courses from a large tank near Kappanna. Over 10 miles.
		Chola Berrada	18 5	200 14				
		Borra	12 4	312 18	Ditto	Ditto	Ditto	A large village occupying ground good and open. At 1 m 6/7 past Borra. At 2 m 6/7 Kintara. At 4 m 4/5 Bagwana. At 5 m 4/5 2 chas. At 7 m 4/5 Belwara. At 10 m. Changan. At 10 m 8/9 Jagan. Road rough near the last place; low hills W. of Borra. Over the Balak river and 2 miles.
		Shankar B P	18 0	330 18				
		Kyagana	7 2	337 20	Ditto	Tank and wells	Abundant large house	A large walled village with travellers and in spot on low ground occupying ground N. At 2 m. Marra. At 3 m. Chola. At 7 m. 4/5 Palkhara. Level country, covered with low jungle.
		Marra	7 6	344 26				
		Total		345 6				Side Table No. 15 (1)
		11. Marchoe						

NOTE.—The direct route from Marchoe to Marra by the Marra Pass and Coimbatore is 25 m 1/2 shorter than the above but is a more difficult track. See Table Nos 123 (1) and 15 (1)

TABLE No 122

FROM DEHSA TO NUSSEHABAD, VIA SHIBOHEE, PALLAH, AND NYANUGGUR.

GENERAL DIRECTION NW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Ministry	Civil		Miles Postage	Miles Postage				
General Officer Commanding Mysore District of Mysore	Agent to the Governor-General for Mysore and the 2nd Assistant Agent at Coimbatore	From Dehsa. On roadward to Pallah		187 5	Made road on a hard path	Water from tank	Scurry 8 houses	Side Table No 118.
		Dehsa	11 3	198 8				
		Shiboh (Pallah Gate)	13 14	211 22	Good and hard path	Abundant water from a new tank and numerous wells	Abundant	A walled town with several good round houses built of stone. A small garden in the town and a fort on the hill. A travel house bungalow. Good occupying ground N. of the bungalow. From at 5 m 1/2 Kyagana a small village of 80 houses with 2 shops, a tank, and a well.
		Carried over		211 22				

[illegible]

Authority.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		M. Meas.	English.				
General Officer Commanding Mhow Division, Mhow.		Mhow.—The route and from Mhow to Ajjaura is as follows:—						
		Mhow to B. P. S.	8 0	8 0	Gravel road, well metalled, with 10 and 12 ft. deep.	Abundant.	Abundant.	200 houses, and a Police station, surrounding ground 12 ft. At 8 m. S. of a well. At 8 m. Kumbhara, 1/2 to the right. At 4 m. S. of a well.
		Ajjaura Fort office, B.P.S.	10 0	10 0	Do (to Ajjaura)	Abundant.	Abundant.	One of the chief commercial towns of Rajpootana. The regular post is succeeded by a wall of its strength, that of the fort, is which formerly the annual war, is reaching rapidly. On the hill of Tarnapark, at the foot of which Ajjaura lies, is a fort gradually falling into decay. Available from Kumbhara are sent here for change of air. At 12 m. a well. At 13 m. S. of two wells. At 4 m. T. of Damsa. At 6 m. S. of Kumbhara. At 8 m. T. of two wells. Head-quarters of the Agent to the Governor-General for Rajpootana is at Ajjaura.
		Total.	18 0	18 0				

TABLE No. 123.

## FROM DEESA TO OODHPOOR, BY SEEROHEE AND THE MORAS PASS.

GENERAL DIRECTIONS, ETC.

Authority.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		M. Meas.	English.				
General Officer Commanding Mhow Division, Mhow.		Deesa to Oodhpoor via Seerohee	15 7	15 7	Do (to Oodhpoor) well metalled, with 10 and 12 ft. deep.	Abundant.	Abundant.	200 houses, and a Police station, surrounding ground 12 ft. At 8 m. S. of a well. At 8 m. Kumbhara, 1/2 to the right. At 4 m. S. of a well.
		Mhow to B. P. S.	10 0	10 0	Do (to Ajjaura)	Abundant.	Abundant.	One of the chief commercial towns of Rajpootana. The regular post is succeeded by a wall of its strength, that of the fort, is which formerly the annual war, is reaching rapidly. On the hill of Tarnapark, at the foot of which Ajjaura lies, is a fort gradually falling into decay. Available from Kumbhara are sent here for change of air. At 12 m. a well. At 13 m. S. of two wells. At 4 m. T. of Damsa. At 6 m. S. of Kumbhara. At 8 m. T. of two wells. Head-quarters of the Agent to the Governor-General for Rajpootana is at Ajjaura.
		Ajjaura Fort office, B.P.S.	10 0	10 0	Do (to Ajjaura)	Abundant.	Abundant.	One of the chief commercial towns of Rajpootana. The regular post is succeeded by a wall of its strength, that of the fort, is which formerly the annual war, is reaching rapidly. On the hill of Tarnapark, at the foot of which Ajjaura lies, is a fort gradually falling into decay. Available from Kumbhara are sent here for change of air. At 12 m. a well. At 13 m. S. of two wells. At 4 m. T. of Damsa. At 6 m. S. of Kumbhara. At 8 m. T. of two wells. Head-quarters of the Agent to the Governor-General for Rajpootana is at Ajjaura.
		Total.	18 0	18 0				

[illegible]

TABLE No. 124

FROM DEERA TO RAJKOTE, VIA PUTTUN, VEHRUNGAUM, AND WUDWAN

**CENTRAL INTELLIGENCE AGENCY**

Authentication		Name of Stage	Distance		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		M. mi.	Percentage	M. mi.	Percentage		
General Orders Concerning Journeys from an Army Camp.	Federal Agent at Kailuwei at Baghain.	Down to Yunnan			84	4		7. See Table No. 114.
		gum.	11	85	87	13		
		Chabbe	14	81	100	5		
		Lakkar	14	8	121	7		7. See Table No. 11 (7)
		Wakwan	18	84	187	81		
		Kincho	10	1	187	84		
		Chokook	18	8	187	84		7. See Table No. 10
		Shamshere	8	7	171	81		
		Kawwan	10	74	187	41		
		Shigoke and Kaiman.						
Total				1,37	34			
10 Miles								

TABLE No. 125. (1)

## FROM DEESA TO ROREE, BY BALMEER AND JEYSULMEER.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles.	Furlongs.						
General Officer Commanding Mhow Division, Mhow. Agent to the Governor-General for Rajpootana at Ajamro, and the Political Agent at Jodhpore.		From Deesa Camp to Jeyulmeor.	...	...	215	7	.....	.....	Vide Table No. 117.	
		Chattrall .....	14	1	230	0	Sandy and stony road, over low sandstone ridges.	3 good wells in bed of a river.	None; coarse grass procurable.	March from Kishan giant, the best encamping ground near Jeyulmeor, to the N.E. of the town, which pass at 3 m. At 4 m. 64 f. pass Omur Bagur, the country residence of the Rawul, a village with 20 shops, and a Suro tank, with wells. At 8 m. 2 f. Joudia or Londa, 3 f. off the road, 80 houses, 3 shops, and 8 or 10 good wells; had encamping ground along low sandhills. There is no village at Chattrall.
		Koochroo.....	13	4	243	4	Good road, through an open country.	Abundant & good, from 13 built or pukka wells, and a tank; wells 60 feet deep.	Ditto .....	No village at Koochroo, but excellent encamping ground near the wells; villages within 2 or 3 miles, whence supplies are procurable. Large flocks of the sheep about here. At 5 m. 4 f. pass a tank.
		Koochloor or Koara.	0	0	243	4	Sandy road over a tolerably level country.	3 wells, very deep, of rather brackish water. At 1 m. to the E. among some trees are a number of small wells.	3 shops. ...	A small fort and village, with scanty supplies; enough water for a wing of Cavalry, and more wells might easily be sunk; grass procurable from the sandhills round the village, and on the road to Koochroo.
		Gotaroor, or Sirdargurh.	20	4	270	0	The first 15 m. good road over a plain, the rest over sandhills from 15 to 20 feet high, and rather heavy.	Abundant, from 3 pukka wells, 150 feet deep, two within the fort, and three outside close to the walls; the wells are drawn by camels.	3 shops; forage abundant, though coarse.	A small village, with brick fort and round towers, 200 yards square, and a gate on the south face in good order; had encamping ground in heavy sand. At 4 m. 7 f. pass 3 wells, called Benda, some distance to the right of the road, two of them very salt; about a mile further are several small but good wells, and at another mile some muddy pools, called Moordalee; neither these pools nor wells are to be depended upon. At 10 m. from Gotaroor crosses the boundary between Jeyulmeor and Sindia.
General Officer Commanding Sindh District, Karachi. Collector at Bhitarpoor.		Meetraro or Mittrahoo.	29	2	308	2	Road very heavy, over a succession of sandhills from 15 to 30 feet high, and across march for men on foot, but easy for camels and horses.	0 kutcha wells; water good and abundant.	1 shop; very scanty, but grass obtainable on the sandhills.	Meetraro is a small mud fort on a steep sandhill. If the wells were protected, and forage held in hand, there would be no difficulty in the route. Half way from Gotaroor are 3 small ponds, called Soban, and there are two others between it and Meetraro, but they dry up before the hot weather.
		Oodur .....	14	2	322	4	Heavy stony road, with low jungles, varied by occasional stony ground.	3 small wells of tolerable water, requiring to be drawn and cleared beforehand.	None; nor is forage to be had here.	A small village, occasionally deserted, with the ruin of a fort said to have been swept away by the inundation of the Sara river; good encamping ground between the wells and fort, under trees, to the left. Thick strata of salt in the vicinity. At 7 m. 14 f. pass Kurwa or Karon, a small hamlet with 3 small wells of indifferent water.
		Wase or Wasee .....	19	2 1/2	341	0 1/2	Ditto .....	Wells or pits in a nulla WNW., and some pools 1 1/2 m. S.E. of Wase, which, after the inundation, have abundance of excellent water.	None; green wheat can be purchased in season.	A small hamlet, on a sandhill; water can be procured by digging; troops should ascertain, while halting here, whether there is water in wells dug in a nulla among trees WNW. of the village and below it. At 5 m. 51 f. pass Mittraro-Koochroo, 3 or 4 huts, and a well of tolerable water, and abundance of it, if cleared out. At 8 m. 14 f. Khot, wells of good water. At 10 m. 43 f. Bagha, a well of tolerable water on the left hand, but no village.
		Carried over.....	...	...	341	0 1/2				

Authorities		Name of Stage	Distances		Road and Rail	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Parasangs				
General Officer Commanding Banda District, Kumaon	Collector of Almora	Brought over		652 6	Good road through forest and low jungle, but unsuitable during the height of the monsoon, when it may be made worse.	Abundant, from Almora, through	Abundant	Large plain, but on two stages of small hills. Good camping ground N of the town on pasture land, surrounded by forested jungle. The country passed in this stage is low country land covered with thick, scrubby vegetation with occasional sandhills.
		Mongra (Hara), or Mongra	6 6	658 6				
		Hara	13 8					
		Total		674 2				
		34 Mardons						A large town on left bank of the Indus. At 2 m. past old Mongra, deserted. At 8 m. cross the Hara river, wide, and with 11 feet water. Land barren and good approach, but steep. At 4 m. past Pashpura, small village, with water and supply abundant. At 4 1/2 m. another branch of the river with 8 feet water. At 6 m. Hara a large village, with water and supply. At 8 m. 12/2 Kotra, a large place with water and supply abundant. At 12 m. 3/2 Uthra and Hara, two small villages. Leave at another road from Mongra to Hara by Thara and Arwa about the same distance as the above. Hara is on the right bank of the Indus 1 m. 6/2 from Hara.

Note.—This route was traversed by a wing of the 1st Lahore between 28th October and 8th December 1911, and has been surveyed and reported on by several officers. No difficulty of any consequence was experienced on the march, and it was the opinion of the Officer Commanding the Cavalry that, with some alterations in regarding and clearing the walls in Wari, Moha, Kottar, Ochar, Kottara, Gotsara, Kottara, and by carrying things on some of the stages, it would be found a more eligible route for Artillery than any of the other lines between Dera and Peshawar. Methods are very much improved on this line, and no troops of any arm should attempt the route later than the 1st March, as the heat and want of water might be fatal. Should the country between Wari and Hara be flooded during the monsoon, an event by no means of unusual occurrence, a desperate route may be taken from Ochar by Khyber to Hara, avoiding some of the lowest ground, but in such case it would not be safe to traverse the line before the beginning of October.

Lieutenant Peshawar, who marched by this route in 1901, with the Mountain Troop a Battery (on route to Jhelum) reports:—"In ordinary seasons the rainfall in this part of the country is very small, and consequently there is a difficulty about procuring supplies and forage. I found it so with only 40 madda, and water is never so plentiful as everywhere. At one or two stages towards the far side of the Khyberistan desert it was rocky, and the walls at the camping grounds very deep, which caused delay in watering the animals."

TABLE No. 123 (2)

## FROM DERGA TO HORDE, BY COMEBKOTE

GENERAL DIRECTOR, I.W.

Authorities		Name of Stage	Distances		Road and Rail	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Parasangs				
General Officer Commanding Banda District, Kumaon	Collector of Almora	Durga to Comebkote		204 1	Good road, but at end of stage, and covered with jungle, during the flood, from which it is bad at 14 hours.	Abundant from Hara	Abundant	This Table No. 118 (5).
		Byrd Ghobhat Yab	19 3	223 6				
		Hara	21 0	244 6				
		Total		244 6				
		34 Mardons						

A small village. At 12 m. 1/2 past Durga, a few huts on the Hara river, with walls in the bed. The middle of the flood is about 3 m. to the right along the stage, country level, and scrubby, with jungle of forested and forest.

A small village, camping in the bed of the Hara river. This is in the bed of the Hara river, with water. The Hara divided into several branches at Hara, with from 200 to 300 yards broad.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Actual	Estimated						
General Officer Commanding, South District, Karnataka	Political Superintendant Thane and Pithun, at Coimbatore	Brought over		244	0					
		Karwarra	12	2	207	0	First part in the bed of the Ma's river, the rest a good cleared road.	Good, from walls.	Plentiful	A deserted village.
		Bynd Bahr, or Bahr	12	7	202	7	Good cleared road, except one mile near Ma's Khar in Dora, road from Coimbatore quite passable for guns.	Good from walls on the left of the Ma's river, which requires clearing and are seen from, but not clear.	Good, from walls and huts abundant.	A small village, on camp in the bed of the Ma's river. To this point the bed of the Ma's has been hard, and covered with grass.
		Uthar	7	0	278	7	First part tolerably good, through dense jungle, latter part heavy mud and mud hills; very difficult for guns.	Abundant, from the banks of a salt lake or pond.	None	No village, at 5 m. S. of the bed of the Ma's river, 180 yards broad, full of deep mud. Uthar is one of the "deserts" or holes formed between sandhills, in the first, by the overflow of the Indus through the Ma's, which occurs only at intervals of some four or five years. After some time, the stagnant water becomes salt, but by digging at a few inches from the edges, fresh water is to be obtained.
		Dakra, or Dandi Khali	10	0	328	7	A tolerable road.	A few sheets of water, on the left bank of the Ma's.	None, but grass clear.	No village, good area should be taken to keep the right road here, as anywhere off it is described as very heavy and difficult.
	Collector at Kullasepore, Mysore Territory	Togara (Kara) (Korad)	12	2	200	2	Bad over desert and sandhills, with much jungle.	From the head of a pool in the bed of the Ma's.	None	No village. This place is merely a pool in the bed of the Ma's, and styled a "Lund," as distinguished from a "dard," before described. Pass Togara, 20 miles, about 2 m. from Dakra, with a fine piece of water near it several deserts passed to the right in this stage.
		Karwarra	10	2	310	4	First part of the road heavy, and the rest a tolerable foot path.	Ditto; abundant.	None, but for age almost not.	No village, a pool in the bed of the river, which was crossed in the stage, very broad, and filled with low sandhills. The best road from Bynd Bahr to Karwarra is by Morina, Fakhar, and Doko, but was reported at the time to be desolate of water, it has on the opposite bank of the river.
		Mosaya Dikad	12	2	207	6	Road very heavy, crossing several dry branches of the Ma's.	A sheet or lake.	None	No village.
		Kakar in Korad	14	2	242	8	Road sandy and heavy, with much jungle.	A pond of fresh water in the Ma's river.	None	No village but some huts 1 m. to the W., and a village with shops about 8 m. off.
		Mosaya or Mosaya	12	7	242	8	As above the last, 4 m. very heavy.	Abundant, good, from pools in the river.	None	A respectable village of 40 houses, on camp 3 m. to the N., on the banks of the Ma's, which has fresh water in the pools from overflows of the Indus. Pass two tolerable villages, Bora and Chomkote, much jungle, but the country generally more open.
Collector at Bhatkarpur, Chhatrapur, Chhatrapur, Chhatrapur	Gugra	14	0	278	2	Bad through a dense jungle, but the soil hard.	Abundant, from the Ma's river, which is here a tolerable stream.	None	A few huts on the Ma's river. Pass the village of Anappa.	
	Tharow or Tharow	14	2	292	2	First part dense jungle, then across low hills to a cultivated plain.	Abundant, from coal and walls.	Abundant, shops	A large village in a cultivated place.	
	Korwa P	12	2			A good road over	Abundant	Abundant	A large town on the left bank of the Indus.	
	Total El Marah			401	2					

TABLE No. 125.

## FROM DEESA TO TATTA, BY SOONHGAUM AND RAOMA-KA-BAZAR

GENERAL DIRECTOR, N.W.

Authority.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Perkings.				
		Deesa to Soonhgaum.		87	7			File Table No. 116 (1)
		Dudhara	180	8				File Table No. 10 (2)
		Tatta	85	8				File Table No. 16 (1)
		Total						
		23 Marches		310	0			
The route by Yamruv and Kunga River is as follows:-								
		Deesa to Soonhgaum.		87	7			File Table No. 116 (1)
		Khambha Dook near Furina.	51	0				File Table No. 16 (1)
		Wanga River	118	1				File Table No. 10 (2)
		Dudhara	125	0½				File Table No. 16 (1)
		Tatta	85	8				File Table No. 16 (1)
		Total			391	6½		
		23 Marches						

TABLE No. 127.

## FROM DEOLALIE TO MALLIGAUM, BY NABSIK AND CHANDORE.

GENERAL DIRECTOR, N.W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stages.	Total.				
			Miles.	Packages.				
General Officer Com manding Poona Division Poona	Officer at Mandla.	From the Quarter Guard at Deolalie to Mandla R.P.V.	7	0 1/2	7	0 1/2		A large town with numerous bungalows, Post and Telegraph offices, occupying ground near the bungalow or near a large Dargah. At 8 m 8 f Lodgiana 160 houses, 18 shops. At 8 m 4 f across the Wadwa river, 80 yards wide but many lands high. At 8 m 2 1/2 f the village of Deolalie, 200 houses, 4 shops. At 4 m 1 1/2 f the road to the Mandla road railway station branches off to the right. At 8 m 7 1/2 f across the Khambha river (bridged).
		Chandore		7	7	0 1/2		
		Total		7	7	0 1/2		



Authority.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stage.	Total.						
			Miles.	Perchages.					Miles.	Perchages.
General Officer Commanding Frontier Division, Poonch.	Collector at Rambh.	Brought over to river.	12	1	7	51	Made road	Shanganga river	8 shops	Large village, situated NW. At 5 1/2 f. cross the Gadowary river, by finger bridge in the road 70 yards wide. At 8 m. 5 1/2 f. At 10 paces 200 houses, steep, walls, and roofs, which were done. Numerous wells, and the Shanganga river, bridged at the end of the stage.
		Poonchiganga R.V.	7	0	18	51	ditto	River and walls	Abundant	Large village, with travellers' bungalow; on ferry on the river bank. At 4 m. 1 1/2 f. pass Poonchiganga 80 houses 3 shops on the Kadian river, which is crossed by ford. At 4 m. 2 1/2 f. 180 yards wide, a ferry boat in the river, numerous wells.
		Wothale	10	51	27	51	ditto	ditto	7 shops	120 houses, situated SW. Cross river, leaving Poonchiganga and at 2 m. 2 1/2 f. cross an other one, bridged. At 3 m. 2 1/2 f. Baworth, 180 houses, 1 shop, & Kadian river, bridged, numerous wells.
		Chandore P.	8	7	35	41	ditto	Walls and Ganges river	Abundant	A small town and old hill fort. Collector's bungalow, situated near it. Pass Baworth and Mahman and at 2 m. 5 1/2 f. cross river by bridge. Pass several villages and two other small rivers bridged and numerous wells.
		Bowdham	14	51	49	51	ditto	Wells	Moderate	180 houses and Collector's bungalow with surrounding ground near it. At 5 1/2 f. cross ground ahead of Chandore ghaut and at 1 m. 2 f. reach the top. Pass several villages and at 10 m. 4 1/2 f. Chandra, 280 houses, 2 shops and walls. Numerous wells as before.
		Mulliganga near BPT	18	51			ditto	Messara river	Abundant	Commenced with travellers' bungalow and Post and Telegraph offices. The town of Mulliganga is about 2 miles SW on the left bank of the Messara river. At 6 m. Moving on. At 8 m. old road by the first branches off to the left. At 10 m. road from Messara joins on right. At 10 m. 2 1/2 f. cross the Gura river (bridged). At 11 m. 2 1/2 f. road to the town branches off to the right. At 11 m. 7 1/2 f. travellers' bungalow.
		Total			75	51				
		7 Marches								

TABLE No 128

FROM DEOLALKE TO TRIMBUK, BY NASSIK.

GENERAL DIVISION, NW

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.	Miles.	Perchages.		
General Officer Commanding Frontier Division, Poonch.	Collector at Rambh.	From Deolalke to Nassik.	7	51	7	51		
		Chandore	6	7 1/2	13	5		
					10	5		
		Carried over			18	5		

Vide Table No 127

35 houses and a dharmashala, surrounding ground NW. At 2 m. 2 1/2 f. bungalow 200 houses, 7 shops. At 3 m. 1 1/2 f. Poonchiganga, 80 houses 2 shops. At 6 m. 4 1/2 f. cross the Gadowary river, 40 yards wide, had nearly Country open.

Authentic in		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Pachang	Miles Pachang				
General Officer Commanding the Forces 12th Division, Poona.	Collector at Muz K.	Brought over Thimbak	8	8	Droves on road with drains over all the small aridies.	Abundant	Abundant	A large place 500 houses and a Shikhar, a cave on hill. The hill rises to 1100 ft. and about 2000 feet above the vil- lage is a flat above the level of the sea. Thimbak is a great place of pilgrimage to which many come at all times on foot or the nearest source of the Godavari. Two "Juntas" held annually in January and April or May and a great Janta in October are every 15 days. The country is good N.P. At 8 m 11 f. Khambale 40 houses, 1 shop. At 8 m 11 f. over the hill to the 117 yards wide. At 8 m 8 f. Dhanu 40 houses, 2 shops. At 8 m 4 f. Dhanu a well and a large tank. At 8 m 11 f. over the Godavari at Godavari river 12 yards wide
		Total		16				
		3 Marches.		16				

TABLE No 129  
FROM DHARWAR TO BELLARY.

OF RAIL SECTION IN

Authentic in		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Pachang	Miles Pachang				
General Officer Commanding the Indian Division, Bangalore	Collector at Dharwar	Dharwar Fort to Ye- lakes or Dharwar	8	8	Good road on hill road - 7 miles then on a good road - 1 mile black country level		11 shops	600 houses, and a fort, ramping on the bank of a tank, at 11 f. W. At 8 m 8 f. pass Dharwar, all houses a 12 m 11 f. Dharwar 8 m 8 f. Dharwar. Cross the river after Dharwar.
		Dharwar	15	15	Do to	Lake	Provisionable	Large village, country all round cultivated. At 11 m 8 f. pass Dharwar at 4 m 1 f. Dharwar and at 8 m 1 f. Dharwar 800 houses, water from tank, good day on passage from 1. Leave the Dharwar tank at the end of the stage a deep sandy stream
		Dharwar or Dhar- war	8	8	Good road	From a tank, and 11 shops well.		600 houses, good high and good, travellers to a village. Cross Dharwar tank leaving Dharwar at 11 m 8 f. Dharwar. At 8 m 8 f. Dharwar. Several wells on the stage.
		Good hill F	15	15	Do to	At 11 m 8 f. Dharwar	11 shops	600 houses a fort and Dharwar a large place, ground high and good out of the village also a tank well for two regiments, and try and try. At 8 m 8 f. pass Dharwar tank. At 8 m Dharwar or Dharwar tank village with a well. At 8 m 8 f. Dharwar Lake 40 houses, and a well. At 8 m 8 f. Dharwar 10 houses, and a well. Cross a well, at 8 m from Dharwar another near Dharwar and two more after leaving it.
		Correct over		41				

Author last.		Name of Station	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles.	Perchages	Miles.	Perchages				
General Officer Commanding Madras District Engineers	Collector at Mysore	Brought over			44	0				
		Dummal or Dummal	19	8	8	8	Made road	Good and clear. Good, from which large tank, and well.	18 steps	
Major's Party Engineer Officer Commanding Madras District Engineers	Collector at Hyderabad	Woodbarga P	10	8	8	0	Good road in the wet. Then road and black hills to the right	From wells, and absoys wells	300 houses and 1000 acres. good dry soil. grove and at about a mile and a half from the village also a mile west. At 4 m. 4 f. Marudappa or Marudappa 80 houses. 200 steps. 200 houses. 1 step a well and well. Several wells in the marsh.	
		Kulikka and Ulu wanka	6	1	74	1	Good road and red black and sandy		25 and 300 houses respectively. good ground. the country is good. river flows red to black. At 8 m. 8 f. Marudappa, 80 houses and a tank. At 4 m. 8 f. Marudappa. Good several wells in the steps.	
Major's Party Engineer Officer Commanding Madras District Engineers	Collector at Hyderabad	Hampapur or Hampapur B	8	1	82	2	Ditto	Abundant from Hampapur river	300 houses on the south bank of the Tunga. water river which is good by boat in the marshes. ground, for many years a large three winks 1 m. The wells which are covered stone to Hampapur has a rocky bed and 1 step. tanks, and on a small supply of water. At 8 m. 1 f. pass Hampapur 80 houses a well and step. At 3 m. 2 f. Tunga 80 houses and a well. The marshes on the south are very numerous. the banks of the river not very steep.	
		Bellahally B	18	0	97	2	Ditto	Plentiful and good	Travelled bungalow. ground, 1/2 m. and good near the river, one mile north of the village. At 1 m. 5 f. pass Yangar. At 4 m. 6 f. Kankapanna. At 6 m. 8 f. Dooderally, a large village with good and abundant water of some distance. many years good and water. At 11 m. 1 f. Kankapanna. At 13 m. 4 f. Dooderally.	
Major's Party Engineer Officer Commanding Madras District Engineers	Collector at Bellary	Ooyattah M P	12	1	109	3	Ditto	From wells some trees across river 8 m. distant	Abundant	Travelled bungalow, and large trees. good ground on both sides of the river. At 3 m. pass Bannapur. At 3 m. 7 f. Hampapur. At 6 m. Dooderally. At 8 m. Marudappa.
		Potentiallally	7	0	116	3	Good in the weather	Water from wells. Some but scarce	Some	Small village. ground at 3 m. 4 f. stone high and good but stony, also abundant. ground in a cultivated valley close to and north of village. soil red black and sandy. At 1 m. 7 f. pass Bannapur and at 6 m. Woderally.
Major's Party Engineer Officer Commanding Madras District Engineers	Collector at Bellary	Bellahally B	8	8	124	8	Good in dry weather. wet up in some parts but improve near Coorany	Good	Good	Travelled bungalow. Pass at 3 m. 1 f. Woderally, and Dooderally, at 3 m. 2 f.
		Coorany B	11	8	137	2		From wells and a well, tolerable tank at 1 m. west but water indifferent		Travelled bungalow. ground east of village high and good on black soil. Country open and flat. At 1 m. 1 f. pass Dooderally. At 3 m. Coorany. At 6 m. 4 f. Woderally. At 7 m. 4 f. a well at the bottom of a pass. At 8 m. reach the top of the pass.
Major's Party Engineer Officer Commanding Madras District Engineers	Collector at Bellary	Bellary M P T	11	4			Gravel road	Abundant	Abundant	A military station. travelled bungalow. At 3 m. pass Hampapur. At 7 m. 3 f. Bannapur.
		To all 14 Marches.			140	8				

TABLE No. 130

FROM DHARWAR TO GOA, BY HULLIHAI, SOOPA, AND THE TINAI GHAT.

STEWART, J. T. DIRECTOR, FBI

[illegible]

Antecedence		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Per stage	Miles Per stage				
Poonchiwar	Governor General of Goa	Brought over		80 4				
		Cross river to M. Lago on the Island of Goa.	8 14	80 14	Pathless, much covered by hills and jungle	Abundant	Abundant	At 4 m. Mariche a large village. At 4 m. V. Mangrove At 6 m. Ombingopolis
		Pass m. or New Goa P.T.	8 4		A good made road	Ditto	Ditto	At 8 m. town of Old Goa. Passes to the east of Government at Goa, and is situated half way between Old Goa and the sea.
		Total 11 Marches.		128 22				

TABLE No 131  
FROM DHARWAR TO GUJJUNDURGURH  
GENERAL DIRECTIONS, &c

Antecedence		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles Per stage	Miles Per stage				
General Officer Commanding Belgaum District, Belgaum	Collector at Dharwar	From Dharwar Fort to Hahelie	8 3	8 3	Made road	Wells and wells	13 shops	500 houses Dharwar and fort occupying on the bank of a well. Pass Gornilaga at 8 m. 8/ 80 houses and 3 wells and at 8 m. 8/ Kungroga. Cross 2 miles after Gornilaga
		Thalpoor B	8 0	17 1	Ditto	4 tanks one of supplies and which never fails all the others dry from four to five months after the monsoon also a well	decide shops	200 houses and several large temples, travel here's Bangalore and Gornilaga, occupy near a good tank near village
		Yorlagand P	7 9	24 7	Country well and black soil	Wells with water for six months and sometimes wells	Abundant numerous shops	1,500 houses and two forts. Kungroga Poonchiwar occupying ground good BH At 6 m. 8/ Dharwar 150 houses wells and tank; very fine source. Cross the Dharwar wells or hills at 8 m. 4/ dry in the four seasons but deep sandy and difficult and frequently impassable for days in the monsoon. Water abundant
		Hosabul	13 3	37 0	Ditto	From pits in the soil tank along the way	Abundant shops	1000 houses At 4 m. 8/ pass Thalpoor 100 houses water source At 7 m. 8/ Kungroga 80 houses water from pits in a well At 10 m. 7/ Thalpoor small place very fine source at these villages
		Abigara	16 2	53 2	Black soil, cult. rice and then jungle on the hills	Tank with water for six months	Moderate	200 houses At 8 m. 7/ pass Hosabul or Ombilaga 75 houses water from Hosabul and in the six months and tank for five months also wells Supplies moderate At 7 m. 8/ cross Hosabul wells to Kungroga or Kungroga, 25 houses wells for four months and a tank; no supplies. At 9 m. 8/ Kungroga 40 houses wells and tank till Thalpoor very sandy supplies
		Crossed over		69 4				

General Officer Commanding Bangalore District, Bangalore

Collector of Bangalore

Authority		Name of Stage.	Distances				Road and Soil	Water	Supplies	Remarks					
Ministry	Civil		Stage		Total										
			Miles.	Package	Miles.	Package									
		Brought over			53	4									
		Amangur	8	8		7	Black soil; cultivated soil and thin jungle in parts		Heavy	250 houses. At 8 m. 1/2 pass Jolara, 150 houses (black soil). Mank, walls, and soil. 100 supplies. At 8 m. 6/4 Mankuram 100 houses, walls, and 2 walls, supplies heavy.					
		Amangur, Patta South Gate	8	8			Red black soil and soil	Abundant		A large plain well. Scattered palm and hill bet. good ground for the construction of a large house close to the west of the town. At 8 m. 3/4 pass Kanganur 72 houses, walls, and 2 walls; no supplies. Cross 8 miles to the stage.					
		Total			71	5									
		7 Mankuram													
A good road is cut and all the way from Dharwar to Amangur by Bangalore as follows:—															
		Dharwar to Tadgaon			17	1				As above					
		Maynagar	18	81	41		Cheruvu, soil red, sandy black soil	Abundant, from Mankuram, from Tadgaon for and 2 inches which runs dry. There are other wells and tanks but the former are bad and the latter are dry.	Abundant, from Mankuram and Tadgaon on Wednesday.	2500 houses, numerous temples, and supplies. Three dharmashalas each capable of carrying 40 persons a hill bet. Collector's bungalow, occupying ground 25/2, on a slope of 1/2. At 5 m. 1/4 pass Tadgaon, 72 yards broad, but sandy, land easy to cultivate during floods. At 8 m. 1/2 pass 640 houses, 3 dharmashalas, each capable of carrying 40 men, with numerous temples and shrines. 5 slopes 1/2 well, but water rather brackish, a tank which dry in the hot weather; necessary 1/2, in cultivated ground. At 2 m. further pass a good tank close to the road. At 11 m. 6/4 Whanguram 80 houses, temples, and dharmashalas, a tank with water in 1/2 a mile south a wall of lowland water. Water is brought from Mankuram 4 m. 8/2. At 14 1/2 pass Mankuram walls 40 yards wide land, easy.					
		To Amangur	30	8						7/16 Table No. 57					
		Total			78	14									
		7 Mankuram													

TABLE No 132. (1)

FROM DHARWAR TO HUBBLYHUR, BY BUNKAPOOR, AND BENOOR

CENTRAL DISTRICT, INDIA.

Authority		Name of Stage.	Distances				Road and Soil	Water	Supplies	Remarks
Ministry	Civil		Stage		Total					
			M. Dist.	Package.	M. Dist.	Package				
General Officer Commanding Bangalore District, Bangalore	Collected Dharwar	Dharwar Patta Gate to Benoor R.P.T.	13	7	18	7	Mud soil, bogged	Plentiful	Abundant	A small town with travellers bungalows; Collector's bungalow and dharmashala, on occupying ground 25/2. At 3 m. 3/4 Benoor, 30 houses. At 5 m. Benoor 60 houses. At 7 m. 4/4 Amangur 100 houses and 2 slopes. At 8 m. 6/4 Benoor Dharmashala 160 houses and 2 slopes. At 8 m. 6/4 Benoor, 160 houses and 2 slopes.
		Collected over			13	7				

Authorities.		Names of Stations.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Miles.	Parasangs.				
Military.	Civil.		Miles.	Parasangs.				
Grand Central Commanding Bhagpur District, Bhagpur.								
Collectorate of District.								
		Bongshi over.....	—	—	13	7		
		Thantlappa.....	13	21	25	24		
		R.						Side road, bridged. Water ..... None ..... 80 houses about 4 f. on left; (overland) bungalow, Bhairam, and 3 wells near the road; good occupying ground near. At 7 1/2 f. Katal, 80 houses. At 8 m. 3 f. Katsuram, 80 houses. At 9 m. 4 f. Pillo, 80 houses. At 9 m. Kappak, 80 houses. At 9 m. 31 f. Wator, 112 houses, 8 shops.
		Bongshi P.	18	6	38	7 1/2		
								Ditto ..... Abundant ..... Abundant, 164 large village, 743 houses, 8 Bhairams, Post office, and Collector's bungalow; occupying ground W. At 14 f. road to Katsuram branches off to the right. At 3 m. 41 f. Jangher, 13 houses and 1 shop. At 4 m. 8 f. Thantlappa, 80 houses. At 5 m. 61 f. Hantlappa, 27 houses. At 10 m. 34 f. Ghatgath, 70 houses. At 13 m. 3 f. road to Ravator branches off to the left.
		Thantlappa.....	11	21	30	24		
								Ditto ..... Ditto ..... None ..... 200 houses; good occupying ground near the Bhairams. At 8 m. 6 f. Bhairam, 48 houses. At 8 m. 31 f. road to Bhairam branches off to the right. At 8 m. 11 f. Bhairam, a large place, 1,420 houses, 11 shops, and Post office. At 7 m. road to Kattar branches off to the right.
		Kattar Bazaar.....	18	14	33	24		
		R.						Ditto ..... Wells and tanks ..... 3 shops ..... 420 houses, 3 Bhairams, bungalow, bungalow; occupying ground R. Over the Wards three more after leaving Kattar branches (bridged). At 7 f. Kattar, 41 houses. At 7 m. 71 f. Bhairam, 200 houses, bungalow Post office and a small shop. At 9 m. 14 f. Kattar, 20 houses. At 11 m. 1 f. Kattar, 80 houses.
		Bongshi P.	18	4	70	24		
								Ditto ..... Abundant ..... Abundant ..... A large town and fort with Collector's bungalow, Bhairams, and Post office; occupying ground SW. near a mango tree. At 1 m. 41 f. top of hill. At 2 m. 41 f. Ghatgath, 20 houses. At 3 m. 31 f. Katal, 179 houses, 3 shops.
		Bongshi P.	18	7	—	—		
								Ditto ..... Ditto ..... Ditto ..... A large place, and a military station of the Madras Presidency; bungalow, bungalow and Post office. At 7 m. 3 f. Ghatgath, 211 houses. At 13 m. 3 f. Hantlappa, 6 houses. At 13 m. 31 f. Kattar, 24 houses; and across the Thantlappa river (bridged).
		Total.....	—	—	98	14		
		7 Bazaars.						
The cleared road from Kattar Bazaar to Bongshi Bazaar is as follows:—								
		Kattar Bazaar.....	18	6	13	6		
		Bongshi Bazaar.						
								Cleared road with cuttings over all the small hills. Abundant ..... Abundant ..... At 13 m. 1 f. near Bridge, 284 houses, 20 shops; weekly market on Saturdays. At 8 m. 1 f. Kattar, 200 houses, 3 shops. At 8 m. 4 f. Bhairam, 137 houses, 3 shops. At 9 m. 7 f. Kattar, 141 houses, 3 shops.

TABLE No 132 (2)

FROM DEARWAR TO HURBYHUR, BY HOOBLEH, SAVANOOB, AND BANKEBHNOOR.

GENERAL DIRECTIONS, RE

Authorisation		Name of Stage	Distances		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stage	Total						
			Miles	Percentage	Miles	Percentage				
General Officer Commanding Madras District, Madras	Collector of District	Dearwar Fort Hoobleh B P T	13	7	13	7	A good made road leading all road, through highly cultivated country, well irrigated and	Abundant, from banks and wells and a tank.	Abundant	See Table No 132 (1)
		Devarur	10	0	23	7	A good soil road, all generally black, occa- sionally red	banks for night stops streams and 2 wells		
		Kuppalam	8	4	31	1	Ditto	20 wells	8 stops	
		Marunoor (Narada and of Yona) P	18	4	49	5	A good narrow road with narrow cross the small water	2 tanks and wells	Abundant	
		Devarur	8	8	57	5	Road irregular and no even but not difficult in hot weather	2 tanks and stream country in the hot weather	3 stops	
		Moore Bazaar	18	22	75	0	Wide road, badget	Tank, wells, and 2 wells	4 stops, and proceedable from neigh- bouring vil- lages.	
		Thane Bazaar	13	4	88	4	Ditto			
Madras Presidency	Murray law		18	7	93	1	Ditto			
		Total			93	1				
		8 Marches								



TABLE No. 133 (I)

## FROM DHABWAR TO KALUDGHER, BY NURGGOOND AND KHEEROOR.

GENERAL DIRECTION, N.E.

Authenticity		Names of Stages	Distance				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	Perchages	Miles	Perchages				
General Officer Commanding Delagram District, Delagram	Collector at Dhabwar	From Dhabwar Post to Hahilias	0	3	0	3	Wade road	Wells and wells	18 shops	800 houses, dharmshala, and fort; encamp on the bank of a well. Pass Gourdshaps at 8 a. 3 f. 80 houses and 3 wells; and at 8 a. 3 f. Kaurshaps, cross 3 wells after Gourdshaps.
		Talpoor R.	0	6	10	9	Dats	4 tanks, one of which never fills all the others dry from four to five months after the monsoon, also a well.	Shops and 2 tanks	200 houses, and several large temples, several large temples and dharmshala, encamp near a good tank near village.
		Burggoond F.	15	25	25	41	General road, and some by black soil.	Abundant, from 1/2 mile of good water and 3 tanks which were 8/5, there are other wells and tanks, but the former are brackish, and the latter some dry	Abundant, from 1/2 mile of good water and 3 tanks which were 8/5, there are other wells and tanks, but the former are brackish, and the latter some dry	2,000 houses, numerous temples and dharmshala, three dharmshala, each capable of containing 40 persons, and a hill fort. Officer's bungalow occupying ground NW. In a loop of road. At 8 a. 4 f. cross Talpoor wells 70 yards broad, but muddy, tanks dry, undrinkable during flood. At 8 a. 4 f. Talpoor, 200 houses, 2 dharmshala, each accommodating 40 men, with numerous temples and dharmshala, 8 tanks which dry in the hot sun. Then, encamp N., in cultivated ground. At 8 a. 4 f. further pass a good tank close to the road. At 11 a. 4 f. Wicconshaps, 80 houses, temples, and dharmshala, a tank with water in the cold months, a well of brackish water. Water is brought from Bhosad's wells 4 a. 3 f. At 14 a. 1 f. pass Bhosad's wells, 40 yards wide, tanks dry
	Kanote	15	2	44	53	General road, and some of black, in parts sandy	Abundant from 1/2 mile of good water, but under brackish, also from Malpoor river	200 shops	200 houses, a small dharmshala, and a few temples, near the south bank of the Malpoor river, encamp on the bank, in a grove of mango trees. Gourdshaps is on the opposite bank. At 2 a. 6 f. cross Watar wells, 100 yards broad sandy but, very brackish, dry in the middle of the hot season, when water is supplied in the hot. At 4 a. 3 f. Hahilias, 80 houses, 2 shops, numerous temples, a well and a tank, dry in the hot months, when water is supplied from Talpoor, 8 a. 3 f. At 9 a. 4 f. pass a small temple and a tank, where water is found until the middle of the hot season.	
Collector at Kaludgher	Kaloor	11	44	55	91	As before, sandy from 1/2 mile of good water and a tank, large tank, which is over done.	Abundant from 1/2 mile of good water and a tank, large tank, which is over done.	200 shops, a small dharmshala, and a few temples, near the south bank of the Malpoor river, encamp on the bank, in a grove of mango trees. Gourdshaps is on the opposite bank. At 2 a. 6 f. cross Watar wells, 100 yards broad sandy but with tank rather deep, north bank dry, a ferry boat capable of containing about 25 persons. At 1/2 Gourdshaps 80 houses, 4 temples, 2 shops, water from river. At 3 a. 7 f. Kaurshaps, small village, a tank, dry about March and 1 good well. At 6 a. 3 f. Kaurshaps, 80 houses, dharmshala, and temples 1 shop, 2 wells, two good. At 8 a. 4 f. Talpoor 80 houses, 2 wells, and a tank, which dries about March		
	Carried over			85	84					

Authorities		Name of Stage	Distance				Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total	Stage	Total					
			Miles	Perchings	Miles	Perchings					
General Officer Commanding Bangalore District Bangalore.	Collector of Bangalore	From Bangalore	11	14	22	24	Gravel road	A large well with water in tank about 1 1/2 m. N. of the village dry, but water is there the season.	Shops	1201 houses and a shanty, many 2 m. wide (old ground). At 8 m. 60 f. pass large house 40 houses and a good well. At 1 m. 40 f. (Bangalore, 148 houses a shop and 2 tanks with water (20 Mays), one has a well in the tank, which has a large	
		Kaludger to Bangalore	0	0			Gravel at 8 m. on the Bangalore road a house made	There is a	Unusual	There is a well (cistern) 1/2 m. N. of the Bangalore road (between Bangalore and Pith) at 4 m. 60 f. past the cistern and where it is on the Bangalore road Bangalore made road and turn to the left. Bangalore is 8 m. distant from this point. The other road goes on to Bangalore and Bangalore At 4 m. 60 f. past Bangalore, 120 houses and a well.	
		Total			77	8					
		7 Mays									

This is only 10 miles longer than the shorter cut road (at 8 m. N. of Bangalore and Bangalore), and is the best shorter cut road.

TABLE No 133 (2)

## FROM DHARWAR TO KALUDGER, BY CHIK NURGOOND.

GENERAL DIRECTION, NF

Authorities		Name of Stage	Distance				Road and Soil	Water	Supplies	REMARKS.
Military	Civil		Stage		Total					
			Miles	Perchings	Miles	Perchings				
General Officer Commanding Bangalore District Bangalore.	Collector of Bangalore	Part of Dharwar Amambhara	0	0	0	0	1 m. of country, on bank soil, good soil, road in dry season	Clear, from 1 m. N. of shops and a tank		2001 houses, occupying on high dry ground on the slope of a hill 1 m. N. of the Dharwar road At 4 m. past the Dharwar station of Dharwar, with several shops and wells.
		Harsh	7	8	11	0	Ditto	Abundant and good from a well tank, and water.	Ditto	200 houses, mostly on high dry ground in fields to the N. in tank soil and level ground.
	Collector of Bangalore	Himabani	3	4	23	4	Ditto	Clear from a tank and a well		228 houses, occupying ground on a large plain of water ground N.E. of the village near the tank. At 4 m. 1/2 past Bangalore 100 houses 1 shop water from 1 m. At 4 m. 1/2 m. m., 200 houses, 1 at top tank, and other
		Chik Nurgoond	30	1	53	4	Ditto	Tank with water for 7 months, empty for the rest of the year	Ditto	2001 houses, occupying ground in fields to the N., or on the bank of a hill on the east, many and confined well soil and tank. At 4 m. 1/2 past Bangalore 40 houses, 1 shop, and a tank retaining water for 10 months
	Collector of Bangalore	Chik Nurgoond	30	1	53	4	Ditto	Tank with water for 7 months, empty for the rest of the year	Ditto	2001 houses, occupying ground in fields to the N., or on the bank of a hill on the east, many and confined well soil and tank. At 4 m. 1/2 past Bangalore 40 houses, 1 shop, and a tank retaining water for 10 months
		Chik Nurgoond	30	1	53	4	Ditto	Tank with water for 7 months, empty for the rest of the year	Ditto	2001 houses, occupying ground in fields to the N., or on the bank of a hill on the east, many and confined well soil and tank. At 4 m. 1/2 past Bangalore 40 houses, 1 shop, and a tank retaining water for 10 months

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.	Collector at Kaladghes.	Brought over...	...	43	0			
		Jangwar .....	11	7	51	7		
		Kaladghes Cantonment.	11	5	...	...		
		Total.....	...	...	60	4		
		7 Marches.						
					Road stony, sandy, and bad, between hills for five miles, remainder good.	large well, near the village, and a small tank, 1/2 of a mile distant.	shop .....	300 houses, encamping ground a high open plain, of black soil, N.E. of village. At 3/4 f. from Humpshole cross the Kalpurba river, 100 yds. broad, bed gravelly, approaches only, knee-deep in December, a basket boat in the rains. At 4/5 f. pass Benoor, 25 houses, encamping ground on a level open plain. At 2 m. 3/4 f. Hoakere, 150 houses, 2 shops, 10 wells. At 4 m. 1/2 f. cross hills, rather steep. At 4 m. 5/8 f. Kniddegood, 100 houses. At 9 m. 3/8 f. Balakhindoo, 40 houses.
					Level country, so black soil, good everywhere in dry weather.	Abundant and good, from wells, and Gutpurba river.	Abundant ...	At 1 m. 5/8 f. pass Scopoormittee, 35 houses, and at 2 m. 1/2 f. cross hills; the small town of Kaladghes is close beyond the Cantonment, on the banks of the Gutpurba river; encamp on a high open extensive plain, of hard red soil, N.E. of the Cantonment.

NOTE.—This road is practicable for carts, except during the rains. There is a general scarcity of water throughout, after March. The country is generally cultivated, with very few trees, and the villages poor.

TABLE No. 134.

## FROM DHARWAR TO KARWAR, BY HULLIHAI, YELLAPOOR, AND THE ARBYLE GHAUT.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.	Collector at Karwar.	Dharwar to Nigdeo.	7	11	7	11		} Vide Table No. 130.
		Hullihal .....	14	71	23	02		
		Elingwuttee .....	14	24	36	3		
		Yellapoor .....	15	5	53	0		
		Arbyle .....	11	54	63	54		} Vide Table No. 68. (1)
		Sonkamal .....	12	11	75	01		
		Akwoor .....	10	4	86	24		
		Hattoekalree .....	10	5	96	74		
		Karwar .....	14	81	...	...		
		Total .....	...	...	111	04		
		9 Marches.						



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.				
		Brought over.....	...	...	53 3			At 7 m. 4 f. Bendrasakopa (Hoera), 10 houses, and a well; encamping ground SW. At 8 m. 1 f. Kattoor, a large village of 60 houses, and chowree for travellers; 2 wells, a tank, and 1 shop; encamping ground SE. At 8 m. 7 f. Birgunhullee (Dalk), 10 houses; and at 0 m. 8 f. Birgunhullee (Hoera), 16 houses, and a chowree; water from a tank and well. At 8 m. 0 f. cross nulla with water, and at 11 m. another; both bridged.
		Yokumbo .....	11	6	64 1	A made road, the principal nullas bridged; country jungle, with cultivation in patches; open and flat; hilly between Moordgode and Turrez.	Wells and tanks, tolerable.	Nono ..... 30 houses; encamp NE., about 1/2 f. on the right, in open ground. At 7 f. pass Kallikopa, 22 houses, a tank and well, but no supplies. At 4 m. 4 f. Maliga, 164 houses, and a dharumale; water tolerable and abundant, from 60 wells and a tank; encamp NE. in open ground; a few shops, and a taxi on Thursday. At 6 m. 2 f. Jemogogore, 16 houses, and a chowree; no supplies. At 7 m. 4 1/2 f. cross o nulla with water, bridged. At 8 m. 4 f. Oodogore, 13 houses. At 9 m. Oodilopa, 20 houses. At 10 m. road branches off to Summagoe. Patches of jungle on each side of the road.
		Sirree ..... R. P.	8	3	73 4	Ditto .....	Tolerable, good and abundant, from several wells and 2 tanks.	160 shops; a bazaar on Tuesdays.
		Sumpkandee ..... R.	10	11	83 5 1/2	Ditto .....	Abundant, from nulla.	Nono ..... 10 houses; encamping ground good, but confined. At 1 m. 2 f. road branches off to Belgea. At 4 m. 1 f. Hanmantee, 10 houses, 4 shops, a tank, and well; encamp NE. At 5 m. 4 f. Mullilee, 10 houses, tank, and nulla. At 5 m. 5 1/2 f. cross o nulla, 20 yards broad, sandy bed, ascent and descent easy, eight months' water, impossible after rain for several hours; country jungle. At 7 m. 0 1/2 f. a nulla, 20 yards broad, with water all the year. At 8 m. 1 1/2 f. Ambinullee nulla, bridged, with water all the year. At 8 m. 4 1/2 f. Ambinullee, 8 houses, a choultry, and 4 shops; water from nullas. Road branches off here to Neelgond ghant.
		Deives Munnee (top of the Ghant). R.	10	5	93 1 1/2	Made road, the principal nullas bridged; country jungle.	Wells & 3 tanks.	3 shops. ... 10 houses, a choultry, and a travellers' bungalow; encamp SE. of village. At 1 m. 3 f. cross Munzukoodee river, 110 yards broad, bed sandy and stony, water all the year. At 1 m. 4 1/2 f. Chikremannee, 2 houses, and a shop. At 2 m. 8 1/2 f. Tullageeroe, 10 houses, 3 shops, 3 tanks, and nulla; encamp N. of village. At 3 m. 3 f. a bridged nulla, with water all the year. At 4 m. 4 f. Bymda, 40 houses, 2 wells, and 2 tanks; encamp SW. At 0 m. pass Tappal Chowree. At 8 m. 2 1/2 f. Bomhullee river, 100 yards broad, sandy bed, water all the year. At 8 m. 7 1/2 f. Omdly, 10 houses, 2 shops, water from nulla. At 9 m. 7 1/2 f. Kullehullee river, by bridge, 60 yards broad, water all the year.
		Katkul ..... R.	8	0	101 1 1/2	Ditto .....	Well and nulla	Nono ..... 15 houses, a choultry and travellers' bungalow; encamping ground NE. and near the road. There is a good carriage road down the ghant, the maximum slope of which is 1 in 17. At 3 m. 0 1/2 f. pass the foot of the ghant. At 4 m. 3 f. cross Sont nulla, (bridged), with water all the year. At 5 m. 1 1/2 f. Herita, a few houses, nulla, and 0 shops. At 6 m. 2 1/2 f. at 7 m. 1/2 f., and at 7 m. 4 f. nullas; all bridged, with water all the year.
		Carried over.....	...	...	101 1 1/2			

General Officer Commanding Hyderabad District of Hyderabad

Collection of Question at Kurnool

Artilleterie	Military	Civil	Number of Men	Distances	Road and Road	Water	Supplies	Remarks	
Artilleterie	Military	Civil	Number of Men	Stage	Total	Road and Road	Water	Supplies	Remarks
Artilleterie	Military	Civil	Number of Men	Stage	Total	Road and Road	Water	Supplies	Remarks

TABLE No 135 (2)

FROM DHARWAR TO KOOMPTA, VIA HULLHAL, YELLAPOOR, AND THEN ARBYLE GHAUT  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances.				Road and Soil	Water	Supplies.	Remarks
Military	Civil		Stages		Total					
			Miles.	Furlongs	Miles.	Furlongs				
General Officer Commanding Bangalore District, Bangalore.	Collector at Dharwar	Dharwar Fort Gate to Nagda	1½		7	1½				Plate Table No. 120.
		Hullhal	14	7½	23	0½				
		Mangurwa	14	3½	37	8				
	Collector at Kaveri	Yellapoor	18	8	55	0				Plate Table No. 69 (1)
		Arbyle	11	5½	66	5½				
		Shankal	18	1½	78	5½				
		Hullar	7	8	85	1½				Plate Table No. 71
		Yaragurwa	10	3½	95	4½				
		Koompta	13	4	-					
		Total			108	2½				
		8 Marches								

TABLE No 135 (3)

FROM DHARWAR TO KOOMPTA, BY HOOLNE, KULGUTTEE, AND YELLAPOOR.  
GENERAL DIRECTION NW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
			Stages	Total						
Military	Civil		Miles	Furlongs					Miles	Furlongs
General Officer Commanding Bangalore District, Bangalore	Collector at Dharwar	Dharwar to Koolne	18	7	18	7	Clear road	Abundant	Abundant	Plate Table No. 120 (1) 800 houses, dharmshala and dharmshala on accompanying ground NW 800 houses, (inhabitants) langahow, Post office and Mandalika's laboratory, accompanying ground NW
		Koolne	10	5½	28	4½				
		Tellapoor	20	0	48	4½				
	Collector at Kaveri	Arbyle	11	5½	60	8	"	"	"	Plate Table No. 69 (1)
		Shankal	18	1½	78	9½				
		Hullar	7	8	85	0½				
		Yaragurwa	10	3½	95	8	"	"	"	Plate Table No. 71
		Koompta	13	4						
		Total			108	7				
		8 Marches								

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.				
General Officer Commanding Bangalore District, Bangalore.	Civil.	The shortest route from Dharwar to Kalgigat is as follows:—						
		Dharwar to Hama- batta.	11 04	11 07	Good shoddy road — alluvial — — — 8 steep ..			40 houses; occupying ground N of village. At 8 m. 4/7 pass. Kumbha, 30 houses. At 9 m. 4/7 Dharwar and Jangir, 41 houses. At 10 m. 1/7 cross Bubbles hills, 50 feet broad, sandy bed, water all the year, no day's delay in crossing after rain.
		Kalgigat .....	2 32	13 0	ditto — alluvial — — — 25 steep, water all the year.			200 houses, alluvial, and sherry; occupying ground N of village. At 1 m. 3/7 cross hills, 50 feet broad, stony and sandy bed, water all the year. At 2 m. 3/7 Moolga, 100 houses. At 3 m. 7/7 Dharwar small village. At 4 m. 7/7 Wotwot, 120 houses; and at 5 m. 8/7 Towara Kumbha, 114 houses, and sherry.
		Example as above.	73 24					
		Total .....	— —	23 04				
		S. M. S. .....						

TABLE No. 133.

FROM DHABWAR TO MOORDHESHWAR, BY HULLHAL, YALLAPOOB, SIRSHE,  
AND SIDDAPOOB.

GENERAL DISTRICT, S.W.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Perchages.				
General Officer Commanding Bangalore District, Bangalore.	Civil.	The shortest route from Dharwar to Kalgigat is as follows:—						
		Dharwar to Hama- batta.	7 11	7 11				Table No. 130.
		Kalgigat .....	14 32	21 03				
		Example as above.	14 32	21 03				Table No. 131.
		Total .....	14 32	21 03				
		S. M. S. .....	11 0	11 0				
		Carried over ..	— —	22 03				





Authority		Kinds of Wagon	Distances		Road and Soil	Water	Supplies	Remarks
			Single	Total				
Military	Civil		Miles. Per diem	Miles. Per diem				
1. From Haigowee to the Gacowee Falls as at Station 1 —								
General Officer Commanding Singapore District, Singapore	Collector of Customs, Singapore	to Haigowee store		111	43	Make road through open jungle		There is a barrow on each side of the falls. At 2 m S of Synowee. Country very hilly and jungle.
		Gacowee Falls	1	7				
		Total		112	50			

NOTE.—The following description of the Gasterocephala Falls is taken from the Western United Book, published in 1853.—

"Did my Squaw say of these falls that there are more Indians than anywhere else and so we are back on our feet. The Deer Falls are called the Great Fall it is Henry, the Rainier, and the Deer. The water leaps from the first from a height of 200 feet measured by line, as a considerable distance. This point at the foot of the falls is 1330 feet above the water level, as measured by line. There have been attempts to harness the power here, the first by a great big dam, which came out as a failure, and a second by a dam, which turned it into the best before it was the power to the city of Vancouver. From the dam down it looks like a valley, a narrow one, a few miles long, with the water in the center, and the banks of timber forests which have and pass over just like the first work of the dam. The lower branch of the falls is a series of rapids, and the water of such a size) can be seen in a lovely fall, but from the platform above appears quite gentle in comparison with the old one. The entire chain of the falls is composed by successive gorges and walls. It is worth a visit to the lower one - a man even from above sees a pure beauty. There of the Deer Falls descend as from a sea, and the water is partially broken by a small of the river rising up at the end of the falls. Tigers are not unknown in the people around the falls. The river is full of fish, and it is on the river as great that nothing can be seen of the falls. The best time is in December."

TABLE No. 137.

FROM DHAEWAR TO SHOLAPOOR DIRECT, BY BEEJAPOOR, AVOIDING  
KALUDGIH.

GENERAL DIRECTION OF THE

Location.		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles Partially	Miles Partially				
General Office Commanding Engineers Dumfriesshire, Dumfriesshire.	Officer of Militia.	Descent Part to Sea- level		85	0	Descent road.		7th Table No. 100 (1)
		Reclamation	18	0	0	Descent road; mixed soil	Waterways, forest stage 5 miles	
		Ground over		81	0			

Authoriser		Name of Stage.	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Furlongs				
Gen and Officer Commanding Bajpura District, Bajpura	Collector at Kailashgarh	Brought over			51	0		} Vide Table No 80
		Shakti	0	34	87	81		
		Machar	18	04	100	84		
		Bajpura	18	37	118	04		
		Jagdishpur	18	41	136	8		
		Shakti	5	3	141	8		
		Pithuli	5	31	146	14		
General Officer Commanding 1st Force Division, Patna.	Collector at Bajpura	Talika	18	44	164	44		} Vide Table No 78 (1)
		Warakhal	8	01	172	51		
		Shaktipur	10	2	182	51		
		Total			178	05		
		15 March.						

TABLE No 138

FROM DEHOLIA TO BROACH, BY KOOKURMOONDA AND SAGBARA.

GENERAL DIMORTHOV, R.W.

Authorisation.		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks.		
Military	Civil		Stages							
			Miles.	Furlongs					Miles.	Furlongs
General Officer Commanding, 1st Force Division, Patna	Collector at Deholia	Deholia to Kookurmoonda B P	11	4	21	4	Good made road bridged	Wells and tanks	Abundant	A large village, good occupying ground hilly, irregularly bounded and surrounded. A small grey glass in the stage and the village of Kookurmoonda and Sagbar. On road road to Kookurmoonda off to the right at Sagbar.
		Gowda Deholia to Chaudhara	10	0	31	4	Unmade road	Wells and tanks	Plentiful	A large village
		Deholia to P	18	0	49	4	Unmade	Devolia river	None	A large village. At 8 m. Sagbar. At 8 m. Kookurmoonda. At 8 m. Kookurmoonda.
		Kookurmoonda P	18	0	67	4	Unmade	Wells	None	A large village. On the Kookurmoonda river. At 8 m. Kookurmoonda. At 8 m. Kookurmoonda. At 8 m. Kookurmoonda.
		Deholia to P	10	7	77	8	Unmade	Wells and tanks	Abundant	19 (1) houses, 3 Kookurmoonda. At 8 m. Kookurmoonda. At 8 m. Kookurmoonda. At 8 m. Kookurmoonda.
		Unmade road			87	8				

[illegible]

Antecedents		Keros of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Footings	Miles	Footings		
General Offices Communicating Southern Division Alameda	Petition Against River Route at Baroda	Brought over	10	2	134	51		180 houses occupying ground 8 At 2 m 12 f / Dargapora 31 bds At 8 m 14 f / across the Dard river, 104 yards wide, bed sandy At 8 m 17 f / Theorin, 20 houses and 3 shops At 8 m Turval, 80 kots Grass 6 miles in this stage.
		Tharodon			146	51		
	Branch Road Gate P T		18	0				A large walled town on rising ground on the north bank of the Mardaka river. Head Quarters of the Collectorate, Post and Telegraph offices, Railway Station east of the town good occupying ground between the Akhramada and Railway Station At 1 m 4 f / Dardaka, 80 houses At 8 m 41 f / Pichapora or Barchapora, 65 houses. At 5 m 32 f / Karshan, 45 houses and 5 shops At 6 m 3 f / Kared, 20 kots At 6 m Mandra, 240 houses, 3 shops, school and shawlote At 10 m 35 f / Keshan, 108 houses At 10 m 7 f / Morapora, 10 kots At 11 m 51 f / across the railroad. Grass the War bulda river by platform and other limits to Brank
	Chaitan at Brank							
		Total			187	51		
		18 Miles						

TABLE No 139

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FROM DHOOLIA TO CHALHESGAUM.

SURVEYED BY J. H. COLEMAN, 1864.

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Furlongs	Miles	Furlongs			
General Officer Commanding Forces Division, Poona	Collector at Dahanu	Dahanu to Jamnagar	11	14	11	14	Made road, bridged	8 wells 1 shop	40 houses, occupying NW. At 6 f. road to Mallagarh branches off to the right. At 5 m. Gaurpur
		Mohani or Mahanagar	18	1	27	15	Datta	Wells and Gaurpur shops, between	175 houses, occupying ground NW. on the left bank of the Gaurpur river. At 5 m. 24 f. cross the Mallagarh and Anandgarh road. At 8 m. 3 f. Vithnagar, 18 houses, supplies from Bhorvad. 2 m. west At 3 m. 8 f. cross the Dahanu river (bridged). At 7 m. Tall wada 18 houses. At 9 m. a short ascent.
		From the Talior river to Chakrasagar	8	7			Datta	Wells and Talior shops	40 houses, surrounded by a mud wall; occupying ground NW. on the left bank of the Talior river. At 8 f. cross the Gaurpur river, 400 yards wide, (bridged) to Dahanu gaur. At 8 m. 4 f. Dahanu, 80 houses, 3 shops. At 7 m. 1/2 f. Chakrasagar. Road very stony; occupying ground S
		Total			36	14			
		8 Bhorvad.							



(287)

REVISED TABLE No. 112.

FROM DHOOLIA TO MEHOW, BY THE SINDWA GHAUT AND KEUL.

GENERAL DIRECTION, NW. BY N

Authorities		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		5	5				

TABLE No 140  
FROM DHOOLIA TO CHOPRA, BY AMULNEIR.

GENERAL DIRECTION, N

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
			Miles	Total						
Military	Civil		Miles	Percentage					Miles	Percentage
Sardar Pooner		From Dhoolia to Chopra	10	0	10	0	Cleared road	Wells	None	A small village At 8 m 1/2 from Dhoolia At 8 m 1/2 from Chopra At 8 m 1/2 from Amulneir
	Amulneir P	11	4	21	4	None	Abandoned river	None	Abandoned	A small town with Post office on the river At 1 m 8/10 from Dhoolia At 1 m 8/10 from Chopra

REVISED TABLE No. 141

FROM DHOOLIA TO MALSBAUM

GENERAL DIRECTION, N

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perches				
General Officer Commanding Poona Division. Poona.	Collection of Dhoolia	From Dhoolia to Malsbaum	12	11	13	11	Yoke etc	300 houses with two others belonging to the British Government. At 8 m 1/2 from Dhoolia At 8 m 1/2 from Malsbaum At 8 m 1/2 from Chopra At 8 m 1/2 from Amulneir At 8 m 1/2 from Dhoolia At 8 m 1/2 from Malsbaum At 8 m 1/2 from Chopra At 8 m 1/2 from Amulneir
		Chopra	0	41	10	41	Ditch	300 houses belonging to the British Government. At 8 m 1/2 from Dhoolia At 8 m 1/2 from Malsbaum At 8 m 1/2 from Chopra At 8 m 1/2 from Amulneir
	Collection of Malsbaum	Malsbaum Cantonment B P T	12	27			Ditch	Abundant
		Total			82	1		
		2 Marches.						A town and cantonment with two others belonging to the British Government. At 8 m 1/2 from Dhoolia At 8 m 1/2 from Malsbaum At 8 m 1/2 from Chopra At 8 m 1/2 from Amulneir



(287)

## REVISÉD TABLE No. 112

FROM DHOOLA TO MHOW, BY THE SINDWA GHAUT AND KHUL.

GENERAL DIRECTION 24 MAY

[illegible]

(288)

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Miles	Perchages					Miles	Perchages
Agent to the Governor-General for Central India at Indore										
		Brought over Kavayam B	14	27	78	41	Made road bridged country fully with thick jungle.	2 wells and wells	Scarcely	80 houses, travellers' bungalow and a charan sala; occupying ground 1/2 of village; cross the Barabada river 1,200 yards wide had rocky banks steep to Bara Khat a large village with Charan sala and house on the N. bank, by a dry bridge during the night and a bridge by day erected every year in October in the last month. At 8 1/2 f. Barabada, 10 houses. At 11 1/2 f. cross Barabada rivers (underpass) 40 yards wide, had sandy banks steep, fordable 8 hours after heavy rain. At 4 1/2 f. pass a Charan sala. At 8 1/2 f. cross Barabada river (underpass), 70 yards wide had sandy banks high, ford able 8 days after heavy rain. At 6 1/2 f. Laxman, 60 houses.
		Khat (South) B	11	4	108	41	Made road bridged country partly culti- vated and partly jungle.	From river Mar- bada.	Scarcely but possible from Bara Khat.	10 houses travellers' bungalow and Charan sala, occupying ground 1/2 of village; cross the Barabada river 1,200 yards wide had rocky banks steep to Bara Khat a large village with Charan sala and house on the N. bank, by a dry bridge during the night and a bridge by day erected every year in October in the last month. At 8 1/2 f. Barabada, 10 houses. At 11 1/2 f. cross Barabada rivers (underpass) 40 yards wide, had sandy banks steep, fordable 8 hours after heavy rain. At 4 1/2 f. pass a Charan sala. At 8 1/2 f. cross Barabada river (underpass), 70 yards wide had sandy banks high, ford able 8 days after heavy rain. At 6 1/2 f. Laxman, 60 houses.
		Gujra B	18	22	127	7	Made road bridged mostly open and cultivated.	Barabada river and wells.	Abundant	A small village with travellers' bungalow of concrete and wood, occupying ground 1/2 of the village. At 4 1/2 f. pass made 300 houses 18 shops. At 8 1/2 f. f. Gujra, 60 houses, 7 shops. At 7 1/2 f. Bajra; wells (paved) 50 yards wide had sandy banks steep, fordable 1 day after heavy rain. At 9 1/2 f. Dab 18 houses. At 10 1/2 f. Dab, 20 houses, 25 houses. At 11 1/2 f. road to Dharbada crossed the left. At 12 1/2 f. cross the Barabada river (underpass), 100 yards wide had sandy banks high, fordable 8 days after heavy rain.
		Makro B	18	2	180	7 1/2	Made road bridged country half with jungle.	Wells and wells	Diffic.	A small well station with travellers' bungalow, dry, dry country and Charan sala. The road from Dharbada to here on the left and from Dharbada on the right. At 8 1/2 f. f. Dharbada 16 houses. At 4 1/2 f. cross main road of Purnaul ghant which is 1 1/2 m. 7/2 in length and very for cars. At 6 1/2 f. Dhab 16 f. water. At 8 1/2 f. f. cross a river (underpass). At 8 1/2 f. f. foot of Dharbada ghant. At 6 1/2 f. top of ghant, easy for cars.
		Mhow Government Gharh B P T	18	4 1/2			Made road, country open.	Abundant	Diffic.	Large government head-quarters of the Mhow Division travellers' bungalow Post and Telegraph office. At 8 1/2 f. cross Karnia river (paved) 70 yards wide had rocky banks steep, fordable 1 day after heavy rain. At 8 1/2 f. Karnia, 20 houses. At 4 1/2 f. Karnia 20 houses. At 8 1/2 f. Karnia 1 f. on left. At 10 1/2 f. Karnia 3 f. on left. At 11 1/2 f. Dharbada. At 12 1/2 f. f. cross Gumbada river near camp.
		Total			148	4 1/2				
		13 March								



A. Supplies.		Means of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Package.	Miles.	Package.		
General Office Camp, including Muzrai Dut muzrai, Muzrai.	Agent to the Government General for Central India at Jabalpur.	Brought over		100 01				Poly Td to No 80 (2)
		Scupper B	13 84	110 05				
		Manupur B	73 8	125 03				
		Chow B P T	18 0					
		Total		246 01				
		13 March						
The old road by Scupper is as follows —								
General Office Camp, including Muzrai Dut muzrai, Muzrai.	Collection at Mandla.	To Mandla		81 0				As above.
		Scupper B	13 4	80 4	Country flat and perfectly cultivated road good in dry weather but very difficult in the rains.	Plentiful wells.	Small Market town.	
		Manupur B	18 41	80 01	Country cultivated and flat afterwards hilly jungle road cleared good in dry weather but heavy in rain.	Abundant supply from wells.	Small Market town.	
		To Chow as above	86 14					
		Total		246 84				
		11 March						
Large levee with 60 mounds good excepting ground near. Once the Tapti at Mandla at 8 m by ferry in the rains bed is in the dry wood or good excepting ground on the bed. Roads cleared down but sandy. Fine Barada at 7 m. Chander at 10 m. Karda at 11 m.								
Valleys with low hills long and narrow, good excepting ground near. Once several streams and the Chander river is in the ground dry after the rains. Fine Karda at 8 m 6 f, Pongra at 4 m 9 f, Lohia at 8 m 4 f, Pongra at 7 m. Bara at 8 m 4 f, Sangra at 9 m 0 f, 1 m. Chander at 11 m 8 f.								

TABLE No 143

FROM DHOLIA TO MRYJID, BY PAROLA.  
GENERAL DIRECTION, 2 to 8

Location.		Means of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles.	Package.	Miles.	Package.		
General Office Camp, including Stage for supply, Poon.	Collection at Mandla.	From Mandla Mandla	21 11	21 11	A cleared flat weather, cultivated, improved, usually, sandy, black, and very heavy after rain.	Abundant wells.	Small stage.	180 houses and Government warehouse at 21. At 4 m 11 f. Pongra 75 houses, 2 shops. At 7 m 84 f. Along 85 houses, 2 shops. At 9 m 84 f. Karda at 10 houses.
		Cleared over		21 11				
				21 11				

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Parangs	Miles	Parangs				
General Officer Commanding Forces Division Poona.	Collector at Bhamburda.	Bhamburda over			11	11	A cleared dirt road, mostly very heavy after rain.	A small stream, mostly dry on 6th days.	A small town with a well built stone fort with bastions and ditch, surrounding ground N. At 9 m. 1/2 / Bhamburda, 6 houses. At 8 m. 3/4 / Dabra 10 houses. At 6 m. 3/4 / Bhamburda 80 houses, 1 shop. At 6 m. 8/ / Bhamburda 8 houses. At 8 m. 4 1/2 / cross the Dabra river to Bhamburda, 40 houses 3 shops and Bhamburda river 180 yards wide had muddy debris of a few hours after heavy rain.	
		Pirah P	12	24	23	41				
		Dabra	12	6	35	47				
		Murpur P	7	8	42	55				
		Total				44				59
4 March										

TABLE No 144

## FROM GOGO TO DWARKA, BY GOUNDUL AND BHANWAR

GENERAL DIVISION, NEW

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage		Total					
			Miles	Parangs	Miles	Parangs				
General Officer Commanding the Southern Division, Aizawl	Collector at Aizawl	Stage to					Road made	Aizawl and river	40 shops	400 houses and Collector's bungalow on the Mekong river with a running stream to the N and W; surrounding ground high and good west of the bungalow. At 4 m 11/2 f from Aizawl, 80 houses. At 5 m 31/2 f Tugue 25 houses. At 8 m 81/2 f Nodan, 100 houses. At 12 m 84 f Mhalin 100 houses.
	Political Agent at Bengala	Waris B	15	73	15	73				
		Current water			15	73				

General Office Commanding Northern Division, Algodonales.

Fiscal Agent in Huancayo at Huayllay.

Administration		Meters of Stage	Distances				Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stage		Total										
			Meters	Parasangs	Miles	Parasangs									
Collector at Algodonales.		Brought over			18	71									
		Chacabuco	15	7	81	64	Cart-road, soil black	From river, and Indian wells	Moderate about slope	Large village on the Huayllay river, a good stream all the year; traverses long and good occupying ground N.W. of the village on the river. At 5 m S. of Karitas, 80 houses, and a few shops. A broad shallow stream between Wari and Karitas. At 4 m Huayllay, 60 houses. At 5 m S. of Huayllay, 100 houses. At 8 m S. of Huayllay, 200 houses, good occupying ground water and supplies. From also Huayllay, Huayllay, Huayllay, and Ocho, all small villages. Country to Huayllay richly irrigated, with a range of hills a few miles left, thence a grassy plain.					
		Alcornoque, or Huancayo	18	24	48	14	Good road	From wells and small tank	Plentiful, about a dozen shops	Moderate village with low and rugged occupying ground. At 8 m S. of the Huayllay river, wide and shallow bed, very heavy sand; and crosses at three-quarters of a mile farther on, Huayllay, 200 houses, on the bank. At 7 m, Huayllay, on the Huayllay, 100 houses. At 11 m S. of Huayllay, 150 houses. Country an open grassy plain, with water near the surface, and much cotton this near village.					
		Quero	8	14	88	21	Very good road	From wells and river	Plentiful	180 houses, a broad and long, and good but very occupying ground on the bank of the stream. At 1 m S. of Huayllay, 80 houses; and at 3 m S. of Huayllay, 100 houses, and a few shops. Country an open plain.					
		Huancayo	14	24	82	14	Ditto	Small wells, and 200 shops running stream in December water near the surface		200 houses, surrounded by a mud wall, good but very occupying ground, and a broad half long. At 4 m S. of Huayllay, 100 houses, a Huayllay village, with 15 shops. At 7 m S. of Huayllay, 200 houses, and a few shops. At 10 m S. of Huayllay, 80 houses. Country open, with cultivation near village. Cross the narrow stream on the stage.					
		Desa	12	0	86	14	Very good	From wells and small stream near the village	Plentiful	Considerable village, unroofed, occupying ground good.					
		Huancayo	12	0	86	14	Very good but water moist by wells and dry beds of stream	From Huancayo river	Moderate	Small village belonging to the Huancayo occupying ground good high, and open.					
		Guandol R.P.	12	0	104	14		Good river	Abundant all kinds	Guandol is a well built town within the fort, which is very strong, walls about 20 feet high. It is the residence of the March of Guandol. The country is richly cultivated, occupying ground high, dense, and good.					
		Tubaca	18	0	114	14	Road unroofed, but good with a river several times	From a river	Supplies from Guandol	Small village occupying ground good					
		Huancayo	12	0	126	14	Road good; some shallow river several times, and several tanks		Plentiful	A town surrounded by a very strong wall of masonry 20 feet high on the N.E. side, with leaning towers and bastions; it is surrounded on three sides by low hills which overlook it. Large gardens close to the town; the river runs past it, occupying ground unroofed and steep.					
		Huancayo or Huandol	18	0	126	14	Road good, some river three times	Ditto	Can be obtained on previous notes	A small village, occupying ground high and good					
		Carried over			126	14									



TABLE No. 145.

## FROM GOGO TO MANIKWARA, BY PALENTANA.

GENERAL DIRECTION, W. &amp; E.

Authority.		Name of Stage.	Distance.		Road and Rail.	Water.	Supplies.	Remarks.		
			Stage.	Total.						
Military.	Civil.		Miles.	Fathoms.						
General Officer Commanding Northern Division, Ahmednagar.	Collector of Ahmednagar.	Gogo Chatur. Haveri to Paleontana.	18	1	28	2	Made road for 24 m. the post country cart track.	well, 1 tank.	18 shops.	100 houses. This road leads through the town of Gogo on the N. B. line (Gogo, for 3 1/2 miles a tank and a well at 2 m. 4 1/2; over a mile at 8 m. 8 1/2, and Kumbhara river at 8 m. 7 1/2; also several other wells. At 4 m. 1/2, 20 houses, and a tank, the water of which leads for four miles. At 7 m. 1/2, Pargana, 40 houses, 3 shops, 8 wells, and a tank, water for two miles. At 8 m. 8 1/2, Bhandal, 100 houses, 4 shops, and a well. At 9 m. 7 1/2, near Paleontana river, 70 yards broad. At 10 m. 1/2, Lakshmi, 15 houses; water always available from river; no supplies. At 10 m. 4 1/2, cross Amburk river, 50 yards broad, very little, muddy bed. At 11 m. 3 1/2, a well, and at 12 m. 8 1/2, a well. Country cultivated all the way.
		From	18	0	46	1	Useable cart road, over rough and stony country.	Absent, no well.	From 20 shops.	200 houses. Cross valley at 2 m. 4 1/2 and 8 m. 8 1/2, the latter 15 yards broad. At 8 m. 1/2, Bhandal, 100 houses, 4 shops, Amburk river, with waterworks. Cross river at 8 m. 1/2, and a small well at 4 m. 4 1/2. At 8 m. 8 1/2, Bhandal, a ruined village. At 9 m. 8 1/2, near Paleontana river, 20 houses, 100 yards, 4 shops; water from river. At 8 m. 4 1/2, and 9 m. 8 1/2, dry wells, and a well at 14 m. 7 1/2. Country cultivated.
		Paleontana R.	20	4 1/2	66	7 1/2	Diff.	Several wells.	Absent.	A stone-walled town, at the foot of a high hill to the N. At 1 m. pass the Amburk river; pass a well at 1 m. 6 1/2, and small wells at 1 m. 6 1/2, 8 m. 8 1/2, and 9 m. 8 1/2. Also at 8 m. 8 1/2, Lakshmi, 15 houses, no supplies; water from two wells during the season, otherwise from pits in their beds. At 8 m. 4 1/2, pass a well, and cross Amburk river at 8 m. 4 1/2. At 8 m. 8 1/2, Bhandal, 15 houses; no supplies; water always from Amburk river. At 8 m. 8 1/2, Lakshmi, 20 houses, a well, but no supplies. At 9 m. 1 1/2, cross a small well, and Kumbhara river at 10 m. 1 1/2; breadth 20 yards. Country cultivated.
		Overlook	10	8	76	4 1/2	Good road.	1 well.	10 shops.	40 houses. At 1 m. pass a tank, and a well at 2 m. 8 1/2; also a small well at 2 m. 1/2, 10 yards broad. At 3 m. 8 1/2, pass Chauri, 20 houses, 3 shops, and a well. At 8 m. 7 1/2, cross a small well, a tank at 4 m. and a small well at 4 m. At 6 m. 1/2, Bhandal, 25 houses, a well, but no supplies. At 7 m. 8 1/2, pass a well. At 7 m. 4 1/2, Bhandal, 25 houses, no supplies, 1 well. At 10 m. 8 1/2, Lakshmi, 20 houses, 2 shops, and a well. At 11 m. 1 1/2, pass a well, and at 12 m. 8 1/2, a tank. Country as before.
		Haveri	14	3	90	4 1/2	Good road, over level country, with black soil, much for agricultural purposes.	Water from Chauri river.	10 shops.	100 houses. At 2 1/2, cross a small dry well, and another with a well in its bed at 3 m. 8 1/2. At 3 m. 4 1/2, pass Vikra, 20 houses, 3 shops, a well, and tank; water for two miles. At 4 m. 8 1/2, cross a small well.
	Checked over.				96	4 1/2				



Authorities.		Names of Stages	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages	Total				
Military	Civil		Miles Peregrage	Miles Peregrage				
General Officer Commanding Mysore Division, Alwarhahol		Brought over		85 04				a well at 4 m 3/ and another small well at 6 m 1/ At 8 m 4/ Yalavacher, 300 houses, 8 wells, 4 shops. At 8 m 6/ across stream, and pass a range of hills on both sides of the road at 8 m At 12 m Kambak, 500 houses, 8 shops and 8 wells. At 11 m across Ganges river, 80 yards broad. At 18 m 8/ Bhadravacher, 114 houses, water always, from 21 stage over; no supplies. Cross the river, 110 yards broad, near the end of the stage. Country as before.
		Bennell	12 3	79 02	Good, met road, gravel well level country with black soil, much increased by stream.		8 shops	25 houses. At 8/ across a well, and another at 1 m 8/ At 8 m 3/ Bannu, 110 houses a well of brackish water, but no supplies. At 8 m 5/ Jura, 540 houses, 8 shops. At 8 m 1/ across Beylora river, and a well at 8 m 5/ At 11 m 4/ Charkha, 897 houses, 8 shops, brackish water from pit in the bed of a well. Country as before.
		Bannabidde	7 0	86 01	Ditto	Water always from the Bannabidde river	10 shops	280 houses. At 4/ across a small dry well. At 8 m 4/ Dharwad, 127 houses, 4 wells of brackish water, no supplies. Country well watered as before.
		Bannabidde	8 0	94 01	Ditto	Water always from the Bannabidde river	Abandonment	A town of 800 houses, on the Bannabidde river. Cross the Bannabidde river at Bannabidde, 100 yards wide. At 8 m 5/ pass Chikam, 280 houses. Cross a well at 8 m 5/ at 8 m 3/ at 4 m 7/ and at 5 m At 8 m 3/ Jambha, 120 houses, 3 shops; water from Bannabidde. At 6 m 7/ 8 m, and 6 m 3/ across a well, and Bannabidde river at 8 m 1/ Country as before.
		Bannabidde Camp B P	7 0		Modern road	Fulpoore well with water all ways	2000	General's camp of 1000 houses situated here. Travellers bungalow and Post office. At 4 m 1/ across a small well, with water always, to Mangalore. 100 houses, 3 shops, water from well and the well. At 7 m 3/ the village of Bannabidde, water always, from the Fulpoore well. Country as before.
		Total		102 04				
		9 Miles						

TABLE No 146.

FROM HURSOLE TO PUTTUN, BY BERSULNUGGUR.

GENERAL DIRECTOR, R.W.

Authorities.		Names of Stages	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages	Total				
Military	Civil		Miles Peregrage	Miles Peregrage				
General Officer Commanding Mysore Division, Alwarhahol	Resident at Bannabidde	Hursale to Bannabidde	11 0	11 0				- See Table No 130
		Bannabidde	12 7	23 7				
		Bannabidde	12 6	35 3				
		Conje	12 3	47 6				
		Conje over		59 9				

[illegible]

TABLE No. 147.

FROM HYDRABAD TO ANMED KHAN THANA, BY BROOLA KHAN THANA.

GENERAL INFORMATION: N

[illegible]

Authority		Report of Stages.	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Parasangs	Miles	Parasangs		
Brought over			31	34				
Bhaski Khas Thana P			0	0	31	34		
Ahmed Khas Thana			4	04				
Total			35	38				
3 Kharab.								

TABLE No 148

## FROM HYDERABAD TO BELEYLA

CENTRAL INTELLIGENCE, JW BY B

Antennae		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding British Division, Kandahar	Collector at Hyderabad.	Hydrabad Fort Gate to Mirbuz	9 0	9 0	Good cleared road	Two brick walls, and the river is close about 4 m distant	8 shops, and supplies from Mehin. Katyari or Thar	Small village occupying ground N. cultivation round about. At 9 m 8 f road to Tunder Goolan Bazaar branches off to the right. At 8 m 7 f. Moorad Pakar, and the road from Goolan Tunder joins on right.
		Kicker	12 0 1	21 1	Clear and good, stone in one part, cross 8 small miles	Only, always deep sand	8 shops	Moderate village occupying ground E. of it. At 8 m 4 f. Mohamad Molana on the left bank of the Indus. At 6 m 4 f. Hajipur, 80 houses, 8 shops, and dharmshala. At 7 m 8 f. Mandana. At 8 m. across the Meer Wah. At 9 m 6 f. crosses the Sing Wah. At 10 m 4 f. road from Hajipur joins on left. At 10 m 8 f. Meela Katyari, a large place with bungalow. At 11 m. road to Dunder branches off on the left and crosses the Malook Wah. At 12 m. crosses the Hussain Ali Wah and the Kicker Wah at the end of the stage. Cultivation around village.
		Boano	14 7	27 0 1	Cleared, through low jungle, and will, cross 14 miles, some of them bridged	Water from springs on the Pharyawo	20 shops	Village near the Indus bank. crossing R. in a clear open place. This stage is impassable before November, being a mud swamp. At 4 m 4 f. a dharmshala at the junction of the road from the Jheral. Carry the town of Jheral = about 1 1/2 m. W. on the right bank of the Indus. At 6 m. across the Ali Rohar Wah. At 6 m 6 f. Bagyar Wah. At 8 m. Dofin Wah. At 8 m 8 f. Phad Mandwa. At 10 m. road to Dunder branches off to left and crosses the Mohamad Wah. At 12 m 4 f. across the Gurgawan Wah and crosses the Meer Wah to Dunder.
	Collector at Kandahar.	Cleared over		27 0 1				

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Paras	Miles	Paras		
General Officer Commanding Madras District Kannada	Collector at Kannada	Brought over		87	0			
		Datta	18	4	40	4		Good road and soil. In places very swampy. At 6 m. from Datta a large small river flows. At 8 m. Lalgudi, a large village with several shops. At 10 m. 4/1 Kannada. At 12 m. road from Marapur joins on left.
		Marapur or Bala P	10	8			10 shops	100 houses. Post office and Government office. During the rain the ground near Datta is very swampy. At 6 m. from Datta a large small river flows. At 8 m. Lalgudi, a large village with several shops. At 10 m. 4/1 Kannada. At 12 m. road from Marapur joins on left.
		Total		68	7			
		8 March						

Notes.—From near Marapur to Datta the country is protected from the floods by a band of earth. With the influence of the Palar river there is much cultivation.

TABLE No 149

## FROM HYDRABAD TO JUDSULAMMER, BY MERRPOOR AND KHIPRA

GENERAL DESCRIPTION ETC.

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Paras	Miles	Paras		
General Officer Commanding Madras District Kannada	Collector at Hyderabad	Hydrabad Port to Jara Bala in Tank	10	4	10	4		Good road but much out of repair.
		All year in Tank	18	6	34	0		
		Marapur	17	8	41	8		
		Marapur (old)	5	0	46	8		
	Collector at Hyderabad	That Godan Journey	10	3	57	0		Ditto
		All year	17	0	74	0		
		Shangha Vira (Wells)	28	0	102	0		
		Shangha	18	0	120	0		
		Hydrabad to T...	18	8	138	0		
		Shangha River	18	0	156	0		
		Current over			156	0		



Authority	Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
		Stages	Total				
Military	Civil	Miles	Perchages	Miles	Perchages		
General Officer Commanding Madras District, Karikal	Brought over						
	Kanika to Par	16	0	142 1/2			Good supply of good water; some places are very brackish.
	Griffin	18	0	160 1/2			Water is abundant, but not particularly good.

NOTE.—It is recommended, with regard to the route from Coimbatore to Gule, that Infantry be moved over it by two Companies at a time, and Artillery by detachments of two guns, with baggage &c.

General Officer Commanding Madras District, Karikal	1st General Agent at Bangalore	Delto	13	1	155 1/2		Good supply of good water.	Kanika wells of good water.	Small quantities of grain and plenty of grass but not good for other supplies.	At 4 m 8/10 from Delto, 10 houses, Kanika wells of good water.
		Laysa	11	0	166 1/2		Delto	One well of good water, 100 feet deep.	Wells of good water, 100 feet deep, the water is good.	At 8 m 7/10 from Laysa, 8 houses, Kanika wells of good water, 80 feet deep.
		Karika	10	0	176 1/2		Delto	Delto	Delto	At 8 m 7/10 from Karika, 8 houses, Kanika wells of good water, 80 feet deep.
		Laysa	8	1	184 1/2		Delto	Delto	Delto	At 8 m 7/10 from Laysa, 8 houses, Kanika wells of good water, 80 feet deep.
		Karika	8	1	192 1/2		Delto	Delto	Delto	At 8 m 7/10 from Karika, 8 houses, Kanika wells of good water, 80 feet deep.
		Laysa	8	1	200 1/2		Delto	Delto	Delto	At 8 m 7/10 from Laysa, 8 houses, Kanika wells of good water, 80 feet deep.
		Karika	8	1	208 1/2		Delto	Delto	Delto	At 8 m 7/10 from Karika, 8 houses, Kanika wells of good water, 80 feet deep.
		Laysa	8	1	216 1/2		Delto	Delto	Delto	At 8 m 7/10 from Laysa, 8 houses, Kanika wells of good water, 80 feet deep.
		Karika	8	1	224 1/2		Delto	Delto	Delto	At 8 m 7/10 from Karika, 8 houses, Kanika wells of good water, 80 feet deep.
		Laysa	8	1	232 1/2		Delto	Delto	Delto	At 8 m 7/10 from Laysa, 8 houses, Kanika wells of good water, 80 feet deep.

General Order of Commanding Major Division, Major

Authenticity		Names of Places	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Parangs				
		Brought over		818	8			
		Buraka	8	4	364	8	The first 4 m. is above, then enters a level and undulating plain, near the Looeue river.	Abundant, from all large tanks and wells in the bed.
		Walota	18	8	870	8	A cart road, in some parts good.	Abundant. All kinds.
		Kharok	10	8	381	8	Detle	Abundant, from a well on the hill, and partly on the fields.
		Banabara, or Banabara	10	7	820	7	Cart road, mostly small heavy in parts, and (nearly) country as well, along the north or right bank of the Looeue river.	Abundant.
		Dooeue	15	8	835	1	Detle	Abundant, from a well.
		Batubara	11	8	817	1	Cart road over a plain	Abundant, from a well and large tank.
		Bakara	8	0	814	4	Detle	Abundant.
		Jodopur (Thalora, or south Gate)	11	0			Detle	Abundant, from numerous tanks, ponds and outside the walls, and several deep wells.
		Total		828	4			
		27 March						

1937.—The 12th Regiment Band is recorded by this route as the sold service of 1537.36 and reported unfavorably of the real and its supplies for troops. On the other hand, the military prize of one of the district stated the opinion that the route was practicable in every way for all branches of the service. Governmental authorities are investigating the report to directed the Quartermaster General to be informed, that the unfavorable report of the 12th Regiment was not substantiated, and that the route is to be known as that suggested by Major Merriam, Captain of Police in Florida, that the route is one which should not be missed in case of great emergency, although there can be no doubt that it is practicable.

~~TABLE No. 151-(1)~~

~~FROM HYDRABAD TO LERNAOCHER, BY KOTLEE AND TATTA~~

GENERAL INVESTIGATION DIVISION

[illegible]

Entered by mail from London to Luxembourg (France) in 1931 under





REVISÉD TABLE No. 151. (1)

FROM HYDERABAD TO KURRACHEE BY KOTRIE AND TATTA.

GENERAL DIRECTION DIV.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stages.	Total.						
			Miles.	Per stage.						
		Hyderabad, Fort Gata to Kotra.	4	0	4	0	Made road	Abundant	Abundant	A large phase on the right bank of the Indus River, Post and Telegraph office, barracks, bungalow, Mahabhar's kitchen, depotary and military stores, surrounding ground, (old Government yard), enclosed by walls and covered with mango trees, situated in the town near ferry. Over the Indus, 4 crossings wide, by steam ferry.
		Jib	12	0	12	0	Made road for 2 miles, the remainder fairly good and well marked out.	From walls	Yes, but none from Kotra or surrounding villages after some days notice	Surrounding ground good and open to right of road, close to mile stone No. 12 from Jibbuck and Kotra. A village called Behar Bhadrach Gata, 80 feet, 2 steep 5/8, to the left of road and a few huts situated 5/8 to the right, at which no supplies or change are procurable. Former camping ground west of Anagar, 10 miles distance from Jibbuck, but water supply was insufficient for horses and transport accompanying Troops.
		Jherak	15	0	28	0	Clear road, good and hard.	Abundant	Abundant	A small town on the right bank of the Indus River, 400 houses, 60 shops, Post office, traveller's bungalow, Government, depotary, Police House, Mahabhar's kitchen, surrounding ground, good and open, marked out by four pillars to the west of town. Cross a few miles (bridged) in this stage.
		Hilray	10	0	44	0	Clear road, good, suitable for every conveyance.	From walls	3 shops, bungalow and house abundant by giving due notice	About 80 houses, 3 shops, one bungalow (to be repaired), surrounding ground, good and open, marked out with four pillars to the S.W. of village. Cross two miles in this stage, all bridged.
		Talia	10	0	60	0	Diffc	From a tank and a well in the Municipal Gata.	Abundant, from a large house.	A small town with Post and Telegraph office, traveller's bungalow, depotary, Government, Police house and Mahabhar's kitchen, surrounding ground, good and open, marked by pillars to the N.E. of kitchen. Cross several miles in this stage, all bridged.
		To Kurnah	80	0						1/2, Revised Table No 13 (1)
		Total			120	0				
		10 Kurnah.								

Note.—The distance by rail from Katsue to Kurukhops (Ferry Station) is 100 miles.

TABLE No 151 (2)

## FROM HYDERABAD TO KUBRAOHEER, BY BHOOLA KHAN THANA.

GENERAL EXAMINATION, NW

Authorities.		Name of Stage	Distances.		Road and Soil	Water	Vegetation	Remarks.	
Military	Civil		Stage	Total					
			Miles	Furlongs					
General Officer Commanding Madras District, Kurnool	Collector of Kurnool	From Hyderabad to Bhoola Khan Thana	0	44	01	Clear road	Wells	1 step	Vide Table No 149
		Thana	10	0	61	Doile	Thana river	None, small	A. Ghazibandi and good occupying ground about 8 m. N from the road. At 1 m. 21/2 f. pass across Bhoora lake on right and cross the Ghazibandi wells 40 yards wide, bed sandy. At 1 m. 21/2 f. across Bhoora wells, 50 yards wide. At 3 m. 1/2 f. across Kurnool wells, 100 yards wide. At 5 m. 21/2 f. pass between two small hills. At 8 m. 21/2 f. across the Thana or Lashik river, 200 yards wide, bed sandy, banks low.
		Kumbhaya Lashik	14	01	80	Clear road with Kumbhaya river drains over 18 small wells		None, large	Discontinuous occupying ground NW. At 5 m. 21/2 f. across a steep hill. At 5 m. 6 f. continuous descent 1 1/2 f. long, very. At 9 m. 21/2 f. across 11 small drains wells, 60 yards wide. At 13 m. 61/2 f. across a well 40 yards wide.
		Marion, Madras River	0	1	73	Clear road, rocky through the Ghorra Pass.	Abundant	None, but	Occupying ground on the east bank good. At 4 m. continuous pass through Ghorra hills, 1 m. 61/2 f. m. length, very. Country hilly and jagged.
		Thana or Bhoora	0	4	81	Clear road	Discontinuous	None, but	Discontinuous and good occupying ground W. At 3 m. 21/2 f. across a steep hill, 100 yards wide. At 5 m. 71/2 f. a short descent. At 8 m. 21/2 f. across the Thana river. Country hilly and jagged.
		Bhoora	7	8	89	Doile	Wells	None	The remains and good occupying ground W. At 21/2 f. across the Bhoora river, 100 yards wide, bed sandy.
		Kurnool, Post Of SPT	10	04	-	Doile	small, abundant	Abundant	Large sandstone and iron travellers' bags. At 3 m. 21/2 f. the road from Angara Pass joins on right. Country open.
		Total			120	8			
		13 Marches							

NOTE.—This route was taken in October 1857 by a Battery of Artillery. No good difficulty appears to have been experienced with regard to water or stages. The distances by rail from Kurnool to Kurnool (from Station) is 125 miles.

TABLE No. 151 (3)

FROM HYDERABAD TO KURRAOHEE, BY KOTHEE, AONGAR, JOONG SHAHEE,  
AND HUN PUTTIANEE.

GENERAL DESCRIPTION, NW

Authority.		Name of Range	Distance.		Road and Soil	Water	Supplies.	Remarks.
			Range	Total				
Victory	Ord.		Miles	Perches				
		Hyderabad to Am- ber	18	81	Good metalled and over- laid with gravel, good for grain	From the Shikhar reef dam	None, except what is used for irrigation.	See Table No. 151 (1)
		Amber to Durgam	18	71	Good good soil and firm	One pump, well off the road, water is also taken from a well in the bed of the river, as the season advances the well becomes useless.	None but Acacia trees, some mangoes, by sowing per- centage is sufficient.	Shikharree river a considerable tributary to the border of the lake called Shikhar lake. At 1/2 m. 1/2 m. from the lake, 100 feet from the lake, steep, but above and below steep jungle a few trees on the right bank, water from four pits in the bed of the river At 1/2 m. from the Shikhar reef dam, water is taken from the Shikhar reef dam.
		Durgam to Jangal	17	0	Cleared road, good for irrigation, somewhat steep, but for the most part level and smooth, some trees on the right bank (W)	Very good supply of water from the bed of the river Jangal. At 1/2 m. from the river	None, except what is used for irrigation.	Shikharree river a considerable tributary to the border of the lake called Shikhar lake. At 1/2 m. 1/2 m. from the lake, 100 feet from the lake, steep, but above and below steep jungle a few trees on the right bank, water from four pits in the bed of the river At 1/2 m. from the Shikhar reef dam, water is taken from the Shikhar reef dam.
		Respectance	11	0	Cleared road, good for irrigation, somewhat steep, but for the most part level and smooth, some trees on the right bank (W)	Very good supply of water from the bed of the river Jangal. At 1/2 m. from the river	None, except what is used for irrigation.	Shikharree river a considerable tributary to the border of the lake called Shikhar lake. At 1/2 m. 1/2 m. from the lake, 100 feet from the lake, steep, but above and below steep jungle a few trees on the right bank, water from four pits in the bed of the river At 1/2 m. from the Shikhar reef dam, water is taken from the Shikhar reef dam.
		Gugger	11	31	Good cleared, good for irrigation, somewhat steep, but for the most part level and smooth, some trees on the right bank (W)	Very good supply of water from the bed of the river Jangal. At 1/2 m. from the river	None, except what is used for irrigation.	Shikharree river a considerable tributary to the border of the lake called Shikhar lake. At 1/2 m. 1/2 m. from the lake, 100 feet from the lake, steep, but above and below steep jungle a few trees on the right bank, water from four pits in the bed of the river At 1/2 m. from the Shikhar reef dam, water is taken from the Shikhar reef dam.
		Shikharree to Kurrao- hee	18	81	Good metalled, well over- laid with gravel, good for grain, some trees on the right bank (W)	From the Shikhar reef dam	None, except what is used for irrigation.	See Table No. 151 (1)
		Kurraohee to P. O. of R. P. F.	18	81	Good metalled, well over- laid with gravel, good for grain, some trees on the right bank (W)	From the Shikhar reef dam	None, except what is used for irrigation.	See Table No. 151 (1)
		Total 8 Stations.		308				

Note.—There are no supplies obtainable anywhere along the road, and water cannot be depended upon in dry seasons. The road has been metalled out, and is clear for the whole distance of any serious impediments in the way of grain moving by the lake.



TABLE No. 153.

FROM HYDERABAD TO SEHWAN, BY KOTHEE AND MAJHUNDA.

ERIKALIL DOW-OTUOK, KW.

[illegible]

Authorities		Name of Stage	Distance		Road and Ball	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Madras District, Karaikal	Collector at Karaikal.	Cleared over		73 4	Good roads road	Abundant from wells and over 4 f chains	Abundant every road	Large trees on the junction of the Arzal and Indus rivers crossing S & NW were the cover. The Munster hills are S.W. At 1 1/2 f the road to the N. of the L. of the L. (1 m S/W) branches off to the left. At 1 1/2 f Chovra, 12 huts 8 shops. At 2 m 4 1/2 f Hunda 10 houses 3 shops and a large Chavara. At 3 m 3 1/2 f Karamoor Juddar 6 huts 1 shop At 4 m 7 1/2 f Karamoor chavara and small chavara. At 4 m 8 f the Kava Lank pass crosses At 4 m 7 1/2 f Karamoor chavara and small chavara. At 7 m 1/2 f a chavara on right at the head of the pass At 8 m 3 1/2 f end of pass and great 4 walls, 30 yards wide, but heavy and sandy
		Makras B T	13 3 1/2					
		Total		86 7 1/2				
		8 Miles.						

TABLE No 154 (1)

## FROM HYDRABAD TO SUKKUR, BY HALA AND NOWSHARA.

GENERAL DIRECTION, N to S

Authorities		Name of Stage	Distance		Road and Ball	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Madras District, Karaikal	Collector at Hyderabad	Hyderabad, Madras R.	4 0	7 0	Cleared cart-road, over a plain	4 huts, wells, and some from the Pulla		Small village on the right bank of the Pulla; see the head of table of the 17th February 1843. Cross 10 small travellers' bungalows, chavara, accompanying ground and walls
		Madras B	11 0	18 0	Cleared and good road first mile along the bank of the Pulla; the road over sandy plain with many watercourses	Abundant from well and a canal about 1 m from the accompanying ground	Abundant	A thieving town, travellers bungalow, and chavara. from the Pulla; see near Meen see by a ferry boat, country cultivated. Cross the Sudda wall, and two other large and five smaller canals. At 8 m Jandol Shah the first road to Madras branches off here
		Madras or Balla.	8 8	26 8	Cleared and good road, over a plain	3 wells and tank	Abundant, from shops	100 houses Chavara, accompanying ground and walls.
		To Sukkur	107 0 1/2					See Table No 52 (1)
		Total 18 Miles.		218 3 1/2				

NOTE.—There is another route from Hyderabad to Sukkur along the right bank of the Indus, and Sukkur and Lucknow but it is longer than the above.

The cleared road from Madras to Sukkur is as follows:—

Madras to Madras 14 m At 8 m Jandol Shah At 8 m 4 f Madras At 8 m cross the road from Madras to Yandoor At 10 m 4 f Madras Shah At 12 m road from Madras to Sukkur on left

## GENERAL DIRECTION, N. W. D.

Anticipation		Distance				Road and Soil	Water	Vegetation	REMARKS	
Miles of Stage		Stage		Total						
Station	Chk	Miles	Partings	Miles	Partings					
General Character: Conterminous Shale Sandstone, Limestone	Collector: H. J. Chandler	Hydramand to Kere- na	7	0	7	0	Detrital road	From the Yellowish-brown and white	Unconformable	Small village on the north bank of the river (the head of the 27th Ferry 1948), across 10 miles. Low cliffs, low yellow limestone, surrounding ground and walls
		Manikhet or Manik	14	0	21	0	Good road, well through light soil and pebbles, cultiva- tion scarcely	2 miles and back 20 steep descent	100 houses, limestone surrounding ground and walls. At 8 m. from Manikhet. At 8 m. 4/ Manikhet. At 8 m. across the road, from Manikhet to Manikhet. At 10 m. 4/ The Lider River. At 12 m. road from Manikhet junc. on left. The road is a low hill, in limestone branches off on right from Manikhet.	
		Manikhet to Kere- na	15	0	22	0	As above but with no cultivation	Water abundant from several wells	10 steep	1. A small village, situated on a ridge of sand, a large tree, a small house. At 8/5 across the Chikho wall. At 8 m. 3/5 in limestone. At 8 m. 3/5 across the road, from Manikhet to Manikhet. At 10 m. 4/5 across the road from Manikhet to Manikhet. At 12 m. 4/5 across the road from Manikhet to Manikhet. At 14 m. 4/5 across the road from Manikhet to Manikhet. At 16 m. 4/5 across the road from Manikhet to Manikhet. At 18 m. 4/5 across the road from Manikhet to Manikhet. At 20 m. 4/5 across the road from Manikhet to Manikhet. At 22 m. 4/5 across the road from Manikhet to Manikhet.
		Manikhet	8	0	15	0	Ditto	Along bank from a well 40 feet deep and 100 feet wide.	10 steep	Manikhet village, across W. At 1 m. 3/5 across a road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet. At 1 m. 4/5 across the road from Manikhet to Manikhet.
		Manikhet	7	0	14	0	Ditto	One well on the steep bank of a small river	10 steep	Small village, crossing E. of post station, across the Gray River with some limestone and the Manikhet wall at 6 m. 1/5
		Manikhet	8	0	15	0	As before but less and thinner	One limestone wall 30 feet deep	10 steep	A few houses, crossing E. of the post station. At 4 m. 3/5 post station. At 4 m. 3/5 limestone Goto a few houses and a small wall. At 6 m. across the Ash wall
		Manikhet	7	0	14	0	Ditto	Small 1 limestone wall 30 feet deep	10 steep	40 houses, Police and Post station
		Manikhet	8	0	15	0	Good road, well through light soil and pebbles, cultivation scarcely	One wall with good water	10 steep	Small village 1 m. W. from the road, the post station and surrounding ground are on a road side. At 6 m. post station
		Manikhet	7	0	14	0	Ditto	One wall limestone stone	10 steep	A few houses, a small
		Manikhet	8	0	15	0	Ditto	One wall with limestone	10 steep	Post station
		Manikhet	7	0	14	0	Ditto	One limestone wall 10 feet deep with good water	10 steep	A few limestone surrounding ground in a plain about 100 feet in good water, a little cultivation about limestone
		Manikhet	7	0	14	0	Ditto	One limestone wall 10 feet deep with good water	10 steep	A few houses, surrounding ground open W. At 1 m. 4/5 limestone. At 8 m. 3/5 limestone At 4 m. 3/5 limestone



Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks	
			Miles	Fathoms					
Military	Civil		Miles	Fathoms					
General Officer Commanding Madras District, Karaikal	Collector at Karaikal	Brought over			104 31				
		Black Dog Chicago	5 2		110 31	Road washed out heavy and sandy with people a little on the stone here and there	One pump well 30 feet deep with good water	3 shops	A few huts encamping ground W.
		Muskrat Glanche	7 31		117 51	Detto	One inside well some brackish water in a pump able from an other village a mile distant.	None	A ra and and deti post station, no village
		Pear Woman	6 41		124 3	White	One pump well 30 feet deep with good water	3 shops	A few huts encamping ground W. The village of Inland Depot about a mile to the west At 3 m. Takoo on the west bank of the Neve wah At 5 m. Bourture At 6 m. 2/ Kooloo
		Minakia	5 3		129 5	Road as above washed out then people and cultivation here and there	One good well 30 feet deep	1 shop	Encamping ground W. open and good
		Mohr Loand	7 01		136 51	Detto	One inside well 40 feet deep	1 shop	Encamp W in a place. At 3 m. 2/ Minakia At 4 m. across the Klam wah and the Camp-hage District to Mohr Loand
		Kamb	8 4		145 11	Detto	Hardly from one inside well 30 feet deep.	1 shop	Encamping ground W in open ground At 3 m. Kooloo
		Pattickpoor	8 4		153 31	Detto	Hardly from one inside well 30 feet deep.	1 shop	Encamp W in a place. At 3 m. 2/ Minakia At 4 m. across the Klam wah and the Camp-hage District to Mohr Loand
		Lookman in Trade	14 3		168 01	Clear and good			Good, but rather confined encamping ground W of the road and a small brook 1/2 m. At 4 m. 2/ Mohr Loand At 5 m. Mohamed Kase
		Barre	15 3		183 31	Detto			7/3 is Table No. 23 (1)
		Walker	1 7			By water			
				Total			183 31		
		23 Marches							

TABLE No. 155 (1)

FROM JACOBABAD TO DADUR, BY BAGH.

GENERAL DIRECTION, NW

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Parcels	Miles Parcels				
Karnata Khadak Territory	Civil	From Jacobabad to Bardhaman Khadak-to-Jado	18 4	30 0	Good, hard, and level road	From ponds in the limited Khadak-to-Jado village, then from yaks in the bed	Abundant 300 sheep also flocks	See Table No. 157 (1) A large village occupying ground NW At 18 m. from Bardhaman, 4 shops, formerly a large village.
		Bagh	20 0	50 0	Good and level road through cultivated country, but small and dry by sides and small for cattle	From ponds in the bed	Abundant 300 sheep also flocks	A town of 1,000 houses, with narrow walls, on the Khadak river; occupying ground to the N. Cross five walls on the stage with the Khadak river running to the right, no better, and numerous villages along the road.
		Kaywara or My dhar	14 0	64 0	Good from a small SW. of village	Abundant, from SW. of village	Abundant, from SW. of village	A town of 1,000 houses occupying ground NW Cross walls in the stage Country on both
		Kaywara or My dhar	18 0	82 0	Good and level road through cultivated country, but small and dry by sides and small for cattle	Abundant, from SW. of village	Abundant, from SW. of village	A walled town, surrounded by cultivation, and walls of running water from the hills At 6 m. S. of Kaywara, with some water
		Dadur	8 0	90 0	Good and level road through cultivated country, but small and dry by sides and small for cattle	Abundant, from SW. of village	Abundant, from SW. of village	A town and fort, surrounded by gardens on a branch of the Khadak river which leaves from the river about 1 m. to the W. At 3 m. south a branch of it, broad, and with steep banks
		Total		110 0				
		7 Marches						

TABLE No. 155 (2)

FROM JACOBABAD TO DADUR, BY GUNDAYA AND SHOORUN.

GENERAL DIRECTION, NW

Authorities		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Parcels	Miles Parcels				
Karnata Khadak Territory	Civil	From Jacobabad to Gundaya Shoorun	20 1	70 0	Good and level road, and surrounded by many wells and small villages	From ponds in the bed	Abundant 300 sheep also flocks	See Table No. 157 (1) Two large villages 6 m. of each other, and several villages close by, country cultivated for 5 m. to the immediate west and gently, and several large wells around At 1 m. S. of from Gundaya, a large village and fort, with cultivation and running water At 12 m. S. of Gundaya, a small fort and two villages; S. of Gundaya, a small fort, broad and shallow with a small stream. The hills approach near the road at Gundaya
		Second row		80 0				

TABLE No. 155 (1)

CONFIDENTIAL - DISCONTINUED IN 1975

Authority		Means of Stage	Distance		Road and Soil	Water	Supplies.	Remarks.
			Stage	Total				
Military	Civil		Miles Per stage	Miles Per stage				
The Commandant Sind Frontier Force Jaisalmer	Federal Agent at Khairat.	Jaisalmer to Nohel in Gola B	10 ½	10 ½	Good road but sandy towards end of march	From wells	None.	A small village with Travellers bungalow good encampment ground north of the village. At 1 m ¾ / pass the Marwari Dhot tank.
		Bharbhore B	24 ¼	24 ¼	Road sandy across desert	From wells tanks and canal at midway and from half way tanks in desert.	Sandy shops	NA small walled village of 80 houses with travellers bungalow encampment ground north of the village. At 23 m 13 / pass new half way tanks and follow side of supply channel to Bharbhore
		Nowrah	28 8	48 1 ¼	Across desert to Ra-han in Gola thence a track road	Potential rain and tank.	Sandy shops	NA small village of 80 houses a good encamping ground south-west of village at 7 m 12 / pass village of Rakon in Gola
		Kate in the Jala B	4 4 ½	52 8 ½	Made road through partly cultivated land	Potential from Man river	Feasible 15 shops	A large walled village of 150 houses a travellers bungalow good encampment ground on left bank of Man river. At 4 ½ / 1 m and 8 m cross ridges with ten pottery kilns over them.
		Koverana -	11 2	63 7 ½	Made road to Trank thence across desert.	Feasible from rain generally abundant	Sandy shop	NA small village of 30 houses good encampment ground north of village on leaving Koverana in Jala cross the Man river either by wadiway or tank bridge. At 1 m 4 ½ / pass small village of Despoon and at 3 m 6 / pass larger village of Tank with sandy supplies which are good water and encamping ground at 2 ½ / and 3 m. 6 / across ridges with temporary bridges
		Dugh S P T	18 7	74 8 ½	Good road partly through cultivation but dusty	Abundant from Man river	Abundant	A large walled town on the right bank of the Man river with travellers bungalow Post and Telegraph offices good encampment ground west east of town. At 1 m 6 / pass a Mahomedan burial ground from which the road to Jalal Khan branches off to the left
		Hind in Shahr	16 ¾	90 4	Good road, partly through cultivation.	Abundant from Man river	Feasible 10 shops.	A large walled village of 200 houses on the right bank of the Man good encampment ground west east of the village. At 5 m 14 / pass Zander a deserted village.
		Khan in Shahr	6 4	96 0	Road heavy and dusty	Drift	None	Good encampment ground near low jungle and by right bank of the Man, a road to Mittra branches off here
		Deder new Camp S P T	18 1 ¼		Road across plain to Choti Baia whence track road to Deder	Abundant from stream from the Baia river	Abundant	A bungalow and kitchen at encampment ground which is distant about 1 m 5 / from the fort and 3 m from Deder town Post and Telegraph Office. At 6 m enter pass through low range of hills called Che in Baia. At 28 m 14 / scope out of the Choti Baia and descend gradually straight to encamping ground in 4 sections of the mouth of the Baia pass. At 13 m 4 / the road to the fort branches off
		Total	119 1 ½	1 ¼				
D Marcher								



By Bagh.

Authorities.		Names of Stages.	Distances.				Rivers.	Number of Nullahs.	Remarks.
Military.	Civil.		Stage.		Totals.				
			Miles.	Fur.	Miles.	Fur.			
Jacobabad - Khelat Territory.	Political Agent at Jacobabad.	Rojan	11	0	11	0	---	---	Two small, walled villages on the frontier; one and heavy in parts; water indifferent, from wells.
		Barakhor	28	0	39	0	---	---	A small village belonging to Khelat, from Roj, barren, and generally devoid of water, but in or more by heavy rains; road across the des indifferent from wells, sandy in the hot west.
		Kasim-kajoka	15	4	54	4	---	---	A large village, encamping ground S.W., pools in the Nari river until February, then, 13 miles past Misrpoor, 4 shops, formerly a large.
		Bagh	20	8	74	8	---	5	A town of 1500 houses with ruinous wall, in the N., cross 5 nullahs on this stage, with the N. Pass numerous villages along the road, road, but much cut up by nullahs and canals for irrigation and from both; supplies and forage abundant.
	Political Agent at Khelat.	Mysrpoor or Mysrpoor.	14	6	88	0	---	6	800 houses, encamping ground N.E., country from a nullah S.W. of village; supplies moderate.
		Mowshara or Mowshara.	15	8	103	8	---	7	A walled town surrounded by cultivation; on road rugged and stony, through range of low hills plentiful from a large bazaar. Cross a
		Dadar	8	0	111	8	---	---	A town and fort, surrounded by gardens from the pass about 4 miles to the west. At S. stage banks, road good and level, but under forage abundant.
		Marches Total	---	---	115	3	---	---	



Ambushes		Mount of Stages	Distances		Road and Soil	Water	Vegetation	Remarks		
Military	Civil		Stages						Total	
			Miles	Perchings						Miles
Kazanka Kazanka Territory Federation Independent at Kazakhstan - <i>of Kazanka with Kazanka</i>		Brought over			88	7				
		House	28	0	118	7	Unfinished road, generally rugged and steep, starting the hills on the left; the last 2 m. very steep like the bed of a river	Abundant, from the stream	Abundant, from the stream	A few and small village about 2 m. from the hills. At 14 m. were some streams of water, and some stone towers. At 17 m. 1/2 were some small villages on the left, near the hills. After crossing some low steep hills 1 m. further, were some small villages. From the town, about 8 m. to the left. At 18 m. 5/8 were five knicks walls, with a good supply of water, by a grove of tall trees, close to the left of some low hills, the trees above mentioned continuing on the right. Country on this stage a very desert.
		House	27	4	144	4	The first 5 m. over a tolerably open road, then 4 m. over a rugged, steep and rocky road. The remainder over level ground.	Abundant	Abundant	A walled town, surrounded by cultivation, and some of running water from the hills. At 5 m. enter the house from which leads for 4 m., with numerous steep and some steep, but not very rough hills of vegetation, and offering abundant cover. 1 1/2 m. further across a river, with a stream of good water, and much grass. Then 5 m. of good road to Kozanka. At 18 m. 5/8 a large open village, with running water and cultivation.
		Chapel	8	0						Full Table No. 154. (1)
		Total			142	4				
		8 Houses								
Note.—There is a shorter route from Kazakhstan to Kazanka as follows —										
		To Kazanka in-Join			54	4			Full Table No. 155. (1)	
		House	11	4	65	0	Good over level open dry	Moderate from the hills, 4 or 5 knicks walls	Abundant	Formerly a large town, now partially deserted
		House	12	4			Do	From the hills, 4 or 5 knicks walls	Abundant	Two lots within 8/8 of each other, and some small villages close by. The hills approach near the end of the road.
		Total			78	4				

TABLE No. 156 (1)

FROM JACOBABAD TO KAHUN, BY DEYRA ON THE BOOGTEE HILLS.

GENERAL DISCUSSION, I

Authority		Name of Station	Distance		Road and Soil	Water	Supplies	Remarks			
			Stage	Total							
Military	Civil		Miles	Fathoms					Miles	Fathoms	
General Officer Commanding British District, Kachin	Civil	From Jashindat to Dell Mound	7	71	7	71	Good made road, sandy	Water procurable from the ponds and one hot spring well, also from a well	Small shops	The village is composed of 80 huts; large for cattle and horses procurable. Surrounding ground situated to the N.W. of the village, 4 miles across the road, also varying from 20 to 30 feet broad and from 2 to 4 feet deep. A deserted road first near the village. From this a road branches off as an D.M. line to Kachin, distant 11 m., through cultivation; road is sandy for 3 m., and crosses 20 bridged creeks.	
		Kham-Lee Gorge	11	0	18	71	Good made road, through low jungle in places the road enters on a track of low ground liable to be flooded in wet.	Water procurable from the ponds well, also from a well	Small shops	Village composed of 15 huts; surrounding ground N.E. Ponds procurable for cattle and horses; road passes five or six small creeks, all with bridges across them. A small road first near the village, and crosses cultivation about it.	
		Hembo	17	0	26	71	Good, hilly through low jungle and between low hills	In the hill of a mountain stream by digging 1/2 feet.	Small shops and granaries	The village, the place is occasionally frequented by Burmese bartermen with their cattle, it being a favorite grazing ground	
General Officer Commanding British District, Kachin	Civil	Kham-Lee Gorge	19	0	45	71	Good over a strongly undulating plain	Abundant, from wells	Ponds procurable	Ditto	Ditto
		Kham-Lee Gorge	18	0	63	71	Generally good	From wells	Ditto	Ditto	Ditto
		Kham-Lee Gorge	7	0	70	71	Good	From a well in the road, 450 yards to the east of Kham-Lee Gorge	Ditto	The road from Kham-Lee Gorge to first well through it is a little less, 1 m. in length, after which it crosses a distance of 3 m. to the main range of mountains forming the southern boundary of the Kachin Hills and then crosses gradually for 2 m. to the base of Kham-Lee Gorge, which is so steep and narrow that game must be introduced and driven up by manual labour	
		Kham-Lee Gorge	20	0	74	71	Good, possible for all seasons	From a well in the road, 450 yards to the east of Kham-Lee Gorge	Ditto	The road at first crosses a table land, but then 2 and 3 m. broad, whereas it gradually descends to Kachin, on the N. side	
		Deyra	18	0	92	71	Six miles from Kachin to enter the plain of Deyra.	Abundant, from ponds, from a spring in the valley of the 1/2 m. above 2 m. N.E. of the town	Moderate but large sheep and goats from the valley	The capital of the Deyra tribe; a road for 150 yards square with 16 feet high, 18 feet wide at the base, but only one at top. Deyra was then by a British force in January 1846. The gate on the N.W. side was defended by a square tower and bastions and was destroyed by the U. S. force in March 1846, but the tower has been since rebuilt. Deyra is a fertile plain running N and W for 80 m., with an average breadth of 4 m., 1,200 feet above the level of the sea. Located on the north by a mountain, 1,800 feet high, forming a portion of the Kachin, the chief stronghold of the Deyra tribe. The stream can be turned by Deyra who built the dam where the stream runs 27 m. in this valley is confined.	
Grand total				39	71						





TABLE No 158 (2)

FROM JACOBABAD TO KANTUN, BY POOLAJEE

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Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
		Brought over ...	...	97	2			
		Surtof range (foot of).	0	0	100	2		Bad (see remarks) ... Several extensive pools of good water in a small jungle of tamarisk and oleander.
		Nuffook range (foot of).	0	0	115	2		Very difficult for guns (see remarks). A small supply at the bottom of a fissure in the mountain near a clump of trees, soon exhausted.
		Kahum .....	0	0				Ditto ..... Abundant, from pools in the bed of a river.
		Total.....	...	191	2			
		11 Marches.						

Note.—From Pooljee, compiled from the Survey and Journal of R. Kirk, Esquire, Surgeon of the 1st Grenadier Regiment, who accompanied the Detachment under Major Oliborn, sent to the relief of Kahum in August 1840. There is a more circuitous route from Pooljee, via Lehee, as follows, taken chiefly from the surveys of the same Officer:—

		To Pooljee as above	...	55	2			
		Lehee .....	14	4	00	0		Good, hard, and level, about three miles through cultivation, afterward desert; cross several nullas.
		Surwood (valley) ...	18	4	33	2		Good, except a short steep, and narrow descent into Surwood.
		Tratanoo (ditto) ...	11	0	04	2		Good, but shaggy in places, and frequently crossing a river.
		Mihoo (ditto) ..	11	0	105	2		Ditto ..... Abundant
		Dahoo (ditto) ...	10	0	121	2		Very bad for camels over stony desert; descent into Dahoo by a difficult and steep ghat.
		Kahum .....	10	0				
		Total.....	...	137	2			
		10 Marches.						

TABLE No 157. (1)

FROM JACOBABAD TO KHRLAT, BY THE MOOLLA PASS

**CENTRAL DIRECTORATE FOR**

[illegible]

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.	Names of Stages.	Stages.	Total.			
			Miles.	Farthings.	Miles.	Farthings.	
		Brought over ...	...	101	0		
		Pansowant .....	8	0	106	0	Very rough and stony for the first 3 m. after which it improves.
							Abundant but none, but good from the Mitehahy Moke river.
		Hatijee .....	13	0	131	0	For 4 m. over a stony plain, then for 4 m. along the stony bed of river, then again over a stony plain.
							Little
							Very scarce.
		Peer Lake .....	8	0	139	0	First 2 1/2 m. stony, the defile 3 m. long and narrow.
							Little
							None
		Harr .....	8	0	139	0	Road through the defile rugged.
							Little
							None
		Carried over ...	...	139	0		

JALOUHIAH, KASHA, TERRITORY.

Political Agent at Kohat.

The river bed is thickly grown with flow trees; encompassing ground good, with a small slope of trees and some cultivated ground pent. At 0.5, up a rough little ascent, then over a bed tract for upwards of a mile, descend again to river bed which is here closed in between bluffs of conglomerate some 400 or 500 yards apart. The river bed is bare of flow trees for some 4 miles, but for the next 3 m. very thick. A mile and a half before reaching the encompassing ground the bluffs disappear and there is a fine strip of cultivated land to the left with room enough to camp a division; there is a little grass, but the main stream of the river flows on the other side of the pass and from it water has usually to be fetched. In this march the river is crossed six or seven times.

Small village, 3 Buzmish' huts on the left bank of the river. For 2 1/2 m. thick flow jungle and shrubs, then a long bare stony valley somewhat more than a mile wide. At about 7 m. a little cultivation and stunted babool trees; this spot is called Jah, and is occasionally used as a camping ground. Here the pass divides into two branches, that to the left is the true one; the defile is about a mile long, winding, and not more than 300 yards in breadth; the path to the right is over loose blocks of stones. This spot is visited by the Buzmish to obtain iron, a surface vein of which is said to exist among the hills to the left. Clearing the defile there is 1 1/2 m. of marching over bed shrubs and through flow jungle. The width of the valley at Hatijee is about 3 miles.

Tomb of a saint (Peer Lake) and a few palm trees; good encompassing ground. The first 2 1/2 m. is a stony tract up the valley, the hills gradually approaching each other. On the opposite side of the river is Kharan, a remarkable place; first is a strip of cultivable land backed by a low ridge of hills, and behind these and totally concealed by them is a highly cultivated little valley with a village; this is the only place in the pass where any supplies at all can be procured. There is enough good ground outside the ridge for a large camp. The gorge which closes the valley might be easily passed. Beyond there is a small open space about 1/2 m., across which is succeeded by 3 m. of narrow defile, the entrance to which is about 180 yards across, and average breadth not more than 250 yards. The sides are perpendicular cliffs several hundred feet in height and perfectly inaccessible to anything but an ibex or a Brahoo. The floor of the pass level and smooth; this place is called Jungoo Koochitak. The Peer Lake valley is nearly circular; to the left it is only bounded by a low ridge. Cultivation to the right of the river.

Encompassing ground confined, and a large body of men would have to encamp in the river bed. At Peer Lake, the stream making an abrupt turn issues from a narrow defile on the right. This defile, about a mile long, is narrow and winding, the rocks not so lofty as those of Jungoo Koochitak, are equally perpendicular, and the road more rugged.

Altitude.		Mount of Stage	Distance		Road and Soil	Water	Vegetation	Remarks
			Stage	Total				
Whisky	Grain		Miles	Feet				
		Brought over		100	0			The place and I not be forced in front of you, very good soil. Beyond this stage is the small valley of Khaswa, an occasional lot, not very good, however, ground. From a corner to the right is a path used by Gonds, Malgonds, etc., to the left is a road. The distance from Khaswa are not remarkable, about 100 m. in the past 4 days into 2 branches, a large store of Khaswa occupying the centre. The road to the left is good, but within a short shot of the heights on the left side, the road to Khaswa branches off here to the left.
		Pochi Khana	15	0	140	0	Along the foot of the river the whole way.	Unimproved and somewhat good from the Khaswa river.
		Gomoharval	0	0	100	0	As before but more or less better.	Detto
		Puncha Band	15	0	100	0	Good much better.	Detto
		Supur	15	0	100	0	From narrow and dett.	Unimproved
		Graced over		100	0			

Authority.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
			Miles.	Furlongs.				
		Brought over...	...	...	181	6		then takes a double turn to a place where the passage seemed altogether barred; it is 12 feet but 5 yards wide and a sharp angle has to be passed. The way so narrow naturally has been still further straightened by the flood torrents which have scooped deep holes in which water always remains under the cliffs on each side, the pathway is consequently along the ridge of a bank of shingle and barely two feet wide. At this point the cliffs cannot be less than 800 feet in perpendicular height. From this narrowest point this tremendous dingle continues a winding course of nearly a mile, the average breadth being no more than 20 yards. It widens very gradually towards the exit, but is there no more than 40 yards. This spot is 8 m. to Bhopur, and for the next mile the pass opens somewhat though still narrow. Here a large ravine joins in from the right, and the cliff on this side terminates in a vast mass visible several miles off. For the next 2 miles the rocks decrease in size and become more rounded and hill-like. The river bed, too, widens.
		Anjeema .....	11	0	192	6	Exceedingly rough and bad for 4 m.	Abundant, springs.
							from None, and very little grass or forage.	A sort but no village; encompassing ground good and extensive. After a mile of bad marching arrives at a narrow gap not more than 40 yards across, through which the river makes its exit from the hills. This gap gives entrance to a little bare stony plain some 2 m. in length, the exit from which is by a gap similar to the first. Hence through an exceedingly rugged ravine for about 4 miles. The bounding rocks are here about 600 yards apart and they widen gradually to 3 miles; numerous little rocky mounds descend from them to join the main channel, which is itself very winding with high perpendicular banks; the marching is consequently exceedingly rough and bad; in fact it is the worst piece, and impracticable for any Artillery except Mountain Troops, in its present condition. At about 6 m. this pass opens into the Anjeema valley, which is some 6 miles in length and half the breadth, of alluvial soil.
		Sohrab .....	14	0	206	6	Tolerable.....	Ditto
							A limited amount of forage procurable also grain.	Sohrab is the name given to a collection of villages about here; encamp N. of villages. There are two roads leading from Anjeema northwards through the hills. That to the east is the easiest, but even that is rough and confined. The hills to the right show a bold and lofty outline, but are not very precipitous. To the left is a labyrinth of lower ridges, through which several paths lead northward and westward. At 4 m. the hills give way to an open plateau. At 8 m. is a small ascent (skirting or barbed piece of a saddle). At 14 m. the end of the plateau is gained, and from this point there is a fine view of the southern part of the Sohrab valley. Hence the track descends diagonally a strong slope for about 2 m., at the foot of which is a village. The route from Sonmaceen joins at Sohrab.
		Gundagan .....	16	0	222	6	Good .....	Brackish and bad. None .....
		Carried over...	...	...	220	6		A sort but no village. From Sohrab the valley gradually but perceptibly rises; it is bordered on either hand by steeply parallel ranges, that to the E. is the improving ridge of the Koh Maran, to the W. the hills though rocky are low and irregular, throwing out spurs into the plain. A water-course called

Authorities		Name of Stage	Distance		Road and Soil	Water	Vegetation	Remarks
			Stage	Total				
Military	Civil		Miles Packings	Miles Packings				
		Brought over		250 0				
		Bahajo	16 0	266 0	Good	Abundant	Scarcely any very little crops	Road Khan traversing the valley enters at and near Bahajo, there are always a few pools of water in them. The plain itself is of alluvial soil with little cultivation and mostly covered with bush and other herbs. At 5 m. opposite the little village of Gorgon, and at 8 m. opposite Hyes in Khelat, there are a small and through low hills for a couple of miles.
		Khelat	13 0		Stony at parts	Ditto	Abundant, large mosses	small villages with a good deal of cultivation and fruit trees. At 8 m. past Baramung, about 1/2 m. from the road (Antimony is found here, hence the name). A stream flows com- pletely shut off from the plain by a long ridge. There is a narrow valley with a stream or rather mass of pools of very brackish water. The ground is also covered with saline macrocarpae, but there is a certain amount of vegetation and grass. At 7 m. past a conspicuous little black hill with a pool of good water at the river bed. At 16 m. a track on a mound in the right and leave a hard ground for 8 miles. Bahajo is at the head of the Bahajo valley, opposite the Khelat in the end of the Bahajo, now called by the natives called Bahajo.
		Total		267 0				A town of 6000 people is situated by a lofty but then wall of mud and stone, with three gates, situated on the W. side of the valley of the same name and is built against the steeply sloping side of a ridge which is a spur of the Black Mountain hill. The summit of the ridge is covered by the lofty Khelat, which is about 5 m. long by 3 m. wide, it is nearly all cultivated, the principal crops being wheat, barley, and sorghum. It is strengthened with gardens or rather small orchards by walls; there are low walls and bushes around many of the fields, all the trees except a sort of poplar are fruit trees, mostly mulberries and apricots. There are several houses embedded in the orchards scattered over the valley. The road from Bahajo runs gradually up the narrow valley for 3 miles at this distance slightly for 3 miles, there is a low spur from the eastern ridge, immediately beyond this the road divides the right branch leads nearly straight over a wild and unpopulated country till it enters a group of small hills, through which it runs with one steep ascent and descent till it emerges into the Khelat valley above the base of the Black Mountain. It is quite easy to cross passing through the last hills by crossing to the right down a rocky but not deep ravine, when an easy descent leads into an open valley through which runs the path from Khelat to Bahajo—this lengthens the journey about one mile. The country is just before you reach the spot called Bahajo Khelat is a fertile plain for miles, where there is generally water handy and is 1/2 m. from Khelat.
		22 Khelat						

Remarks by Lieut. Macdonald.—The Middle Pass is the continuation of the two great passes which lead from the Kachibo plain into the Highlands of Khelat.  
see These passes are extremely similar in character, both are very narrow long, both have a very steep gradient, and both may be considered practicable for  
all seasons. Of the two the Middle is the most easy and it is always safe owing to the possession of the tribes who reside in the vicinity. The Bolan route is  
however the shortest and only to Khelat, but by a considerable distance it is less desired to proceed into Afghanistan. The character of the Middle and also  
that of the Bolan is that of a drainage channel from the highland of Khelat to the Kachibo plain; it finds a convenient way through the numerous ridges which  
ring the plain, and is apparently another one which runs generally north and south. It forms a series of tolerably open valleys connected by narrow ridges  
The Middle river is usually small, of a character similar to all mountain streams and, like them, subject to sudden changes when there has been heavy rain in  
the uplands. On these occasions, which are hardly rare for Baluchistan is an almost rainless country, it has been known to fill its entire bed with in the lower  
part of the pass in several hundred yards wide, this would imply a rise of at least 3 feet, something is then responsible, as the gorge would be filled and all con-  
tinuous and of



TABLE No. 157. (2)

FROM JACOBABAD TO KHILAT, BY NURE, ZEEDHE, KHOZDAR, AND ANJHERA.

OFFICIAL DIRECTION, NW

Authorities.		Name of Stage.	Distance		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stage	Total						
			Miles	Furlongs					Miles	Furlongs
Balaconneri & Kura at Pannwar	Publical Agent at Mohol	From Jacobabad to Nure		120	6			Feet Table No 187 (1)		
		Ghorey	8	0	141	6	tolerable	abundant	None	From Nure instead of following the river which flows away to the right strikes nearly due W. across the stony valley, here nearly bare of show trees, till the delta at the farther side is reached. After 4 m. a short gorge between high and precipitous rocks is succeeded by a small open space shaded again by another gorge, little more than 180 yards in width the sides of which are lofty and inaccessible. Beyond this lies Ghorey, a part of the pass so called. A small bay on the rocks above occupying ground for about one furlong. Just beyond to the right is a good spring. By making use of the first open space and increasing troops in the pass beyond the spring a good number of men might be dropped off within easy reach of the water in the gorge.
		Ghorey	8	0	149	6	Good but the pass is narrow	Irish with yielding a tolerable supply of water	None	Encamping ground among low embankments to the right is opposite to a vast bluff of dark limestone. A little grass may be picked up about, especially after rain. The same difficulties continue for more than a mile beyond the spring at Ghorey, after which the narrow rocks trend backwards and are replaced on their side by low and rounded hills with a little scrubby vegetation on them. At 8 m. at a transition rounded mass of limestone standing alone in the middle of the pass, and beyond this is a ridge running apparently right across the roadway and barring further progress in the direction the road turns sharp to the right at a place called Dura, here water is often found and is then used as a killing place. Hence the road winds to and the base of a low hill and turning again to the right after proceeding about distance, reach a shelf placed by a narrow delta and 80 yards in width and with lofty and perpendicular sides. It is pure the narrowest on this road is also a mile in length, and on clearing it off at its head back to right and left, and the country though still with hills has a more open aspect. For the last 3 m. the road through a dry and a low river bed
		Zeedhe	20	0	169	6	Ditto	Abundant	Barley straw and grass procurable in moderate quantities	The chief village of the Bhak Basker tribe of the Baluchistan. The road from Ghorey descends into a dry river bed and is further on to the low hills turning again to the left it runs along the base for 1/2 m. then for the same distance over a bare and open plain where it is sloped by a high ridge running at right angles to the track. A short divided however by a deep well defined passage through the low hills succeeds a mile of rough and broken ground. After passing some 5 m. a route of 1 m. and a large open plain with ground gently sloping
		Lonke	20	0	189	6				
		Canal over			190	6				

Authorities		Names of Stages	Distances		Road and Soil	Water	Vegetation	Remarks
			Stages	Total				
Military	Civil		Miles Packages	Miles Packages				
BENGALURU MILITARY DIVISION	Political Agent at Khasur	Brought over		120 6				ing down to a small rocky river which flows through it; the valley which lies SW and NE, is about 15 m by 8, the southern side is bounded; principally by mountains; the river is a piece of stream when passing Khasur it turns to S for a long distance and finally merges into the lake, it lies above and nearly still above and not very to cross. The soil in the valley bottom is mostly light alluvium, the produce of agricultural operations. The crops of rough stony produce a good deal of natural vegetation and afford pasture to numerous flocks in the spring and summer. The valley is apparently divided by a little ridge of rock which runs across it about half way up; beyond this on the right bank of the river the elevation ascends abruptly up to Khasur.
		Khasur	12 6	132 6	Good soil level	Abundant	Plentiful	There is now no town; (1) a mound on which is stood being half a mile distant and N. of the present fort. There are however some small hamlets scattered about and several water mills on the upper part of the stream. The fort at Khasur is of an irregular and regular base 200 x 185 yards with towers at the angles and corners of the sides, walls about 10 feet thick at base of mud strengthened by logs and stones built in 10 feet high and set to the east, partly defined by a square tower facing the wall and a sort of (irregular) bastion. To the west into high and pointed; above, the normal and some which commands the fort is a year at about 200 yards due W. Two miles N. is a little hill between the western extremity of which and the N. is before mentioned runs the road to Khasur and Khas. Near its eastern extremity and between two camps some hillside in the line of the great southern Khasur river with Khasur and Khas. The road from Khasur is very bad level.
		Baghawan	14 0	146 6	Date	Date	Moderate quantity of dangerous trees procurable	The place and village is called Khasur. The road leaving Khasur leads N.E. and crossing the little stream passes through the gardens and forest mountains through the forest. At 5 is a small round tank on the left and from thence the hills show in forming a sort of plain, rising gradually and very narrow. At 10 is the highest and steepest part is road at, here the road approach each other within 200 yards and then open out suddenly forming the Baghawan valley, the forest into which is somewhat abrupt.
		Khasur	18 0	164 6	Date	Date	Date	The surrounding ground is the site of an ancient town. Lower Baghawan passes through gardens to 1 mile to Khasur at 8 m. At 8 is a greyish black soil of the valley, lower several miles of rough and rocky road through low water. At 8 m. a low ridge is crossed leading into another valley larger and better cultivated.
		Angara	14 0	178 6	All first rough and broken ground	Date	There is very little grass or shrubs	A small but no village; surrounding ground good and extensive. Leaving Khasur the first part of the march is a rough track through the hills. At 14 is a steep plain is reached about 8 m. in which on the 1 other side a large and deep valley lies to be crossed, after which, Gars is a bad road through a duff. At 16 m. a large plain is reached, At 17 m. over excellent soil without dense rough
		Octaved over		192 6				

Authentic		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
Military	Civil		Stage	Total					
			Miles. Furlongs.	Miles. Furlongs.					
BRITISH INDIAN TERRITORY	Political Agents at Kuala.	Brought over		81 6				a white tooth called <i>Shin</i> Tree. At 10 m the road turns a corner round another spur and strikes NW for the delta of <i>Lahlan</i> which is 12 m from <i>Barer</i> . The pass is short (1 m) but up hill and rugged. It is also very narrow, and at the narrowest part are traces of an ancient wall of considerable thickness running down one side of the crevice and up the other; it is nowhere more than a foot or two high, and it is difficult to detect the material from the original position.	
		In Kuala	55	0					
		Total		270	6				
		23 March.							

Local Macleod, of the 5th Bn. M.F., who served all over this route in 1875, reports — "By the Macleod Battery of *Ennis* or *Field* Artillery might attack without much difficulty, and a little engineering would suffice to make a way suitable for heavy field batteries and the wheeled transport of an army. For all such the *Kluang* route would be advisable, and it is only two marches longer."

TABLE No 157 (3)

## FROM JACOBABAD TO KUALAT, BY NURR, PASHT KHANA, AND ZEHBBH.

GENERAL DIRECTION, N.W.

Authentic.		Names of Stages	Distance		Road and Soil.	Water.	Supplies	REMARKS	
Military	Civil		Stages						Total
			Miles	Furlongs					Miles
BRITISH INDIAN TERRITORY	Political Agents at Lohat	From Jambud to Pash Khan.			148	0	Good and easy	Above level	File Table No 157 (1)
		Banjo	8	0	156	0			Good occupying ground
		Kandee	8	0	163	0			From Thakri Khan to Kandee a frequently made in one march
		Mishk	18	0	180	0			The first village on the Kelase plain, the valley is well watered and studded with villages.
		/dhar	10	0	190	0	Favourable	Ditto	A cluster of large villages, including Ng runan and Bedian Arpan. From here a road leads S.W. to Ngan, a considerable place 10 m from Banjo, and which commands the whole southern part of the valley.
		Pandee	14	0	204	0			As far as (1) the route is easy, and forage and supplies are more plentiful in the Kelase valley than elsewhere
		Shahar in the	10	0	214	0			Fast narrow
		Carried over			214	0			



Attachment		Distances				Food and Fuel	Water	Supplies	Remarks
Military	Civil	Stages		Total					
		Miles	Fathoms	Miles	Fathoms				
General Officer Commanding Mobile Division, Karnataka.		Brought over		2	1	50	0		
The following are the distances of the various stages from the Karnataka.		10	51	1	1				
Total		-	-	50	0				
6 Marches.						Food good, the last 21 m. of this road blocked during the immediate, present, year, was in a boat to Karnataka; well sandy, road well paved.	Water possible from two ponds, wells and from the river Indus, which is about 11 m. from the new town of Karnataka. The old one was taken away by the Indus in 1830.	Abundant	This village is composed of 250 houses; a detachment from the Madia Haveli located here. Farms for animals and horses possible, occupying ground to the N.E., road passes 10 watercourses, 4 large, very long from 80 to 120 feet broad, and 11 small ones. At 6 a. pass through-gate about a mile to the right, and at 8 a. a railroad det.

*MINERIALS.*—During the construction a route in the northward of the above is taken by passengers, to avoid the swamps that form on the line of road between Tuguegarao and Kaniaduan. The posts of Kaniaduan and Koonchee are on sites set out of the jungle, which is very dense all round them. The subterranean method is approved, and is carried on by wandering tribes of Jelsa living in the neighborhood. The road is a track of foot roads, marked out but not installed. Efforts have been completed over the border of the Ilocos cañon.

TABLE No. 159.

FROM JACOBABAD TO SUKKUR, BY SHIKARPOOR.

03.09.2014, 10:00:00, 143

Description.		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles. Furlongs.	Miles. Furlongs.				
General Collection Commanding District, Assam.	Collector at Shillong.	From Jaintia to Hammayon.	12 4	12 4	Road good, but very dusty, and cleared through the jungle, and surrounded with brush. Cross 17 miles, all paths bridged, including the Nigraze road, 25 yards broad.	2 packs water, 800 feet deep, with 5 feet of water.	shops	A small village with district bungalow, en- compassing ground wood, open. At 7 m. 7 1/2 miles, a small village; one shop, a charmah, and 1 pack water. At 10 m. 4 1/2 miles the Nigraze road by a bridge.
		Shillong to R. P. C.	13 8	25 7 1/2	Road as above; some 27 miles, all bridged.	Abandoned	Abandoned	A large town, and civil station; head-quarters of the Collection. At 4 m. 5 1/2 miles, In- Kole, a small village, 8 shops, 8 wells, paths, within a small road. At 8 m. 5 1/2 miles, a small village, 8 shops, 8 wells, paths.
		Lokai	7 8	23 2 1/2	Road cleared, but road coal set up to the surface from trough, some 8 miles, including the Nigraze road, 24 yards broad, paved at 1 m. 4 1/2 miles from Shillong.	250 packs water, 800 feet deep, with 3 feet of water; water is also obtained from the bed of the canal.	shops	A small village with district bungalow and charmah; encompassing ground wood. At 8 m. 1 1/2 miles, a small village, 8 shops, 1 well, paths.
		Corried road.	1 1	23 2 1/2				

Authorities		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Madras District, Kumbakonam	Collector of Kumbakonam	Brought over		23 35				
		Ovara	6 34	31 35	Road cleared, but heavy and only several mounds and water-courses in this stage, irrigated.	pucca wells	A stage	A small village, occupying ground good and open near 2 pucca wells, 4 1/2 beyond Ovara on the road side. At 8 m. 15/2 pucca well, and a single shop, on the road side. Within this distance the country is irrigated during the high season the water being brought down by 4 canals, which are irrigated. At 4 m. 25/2 pucca a bungalow and at 4 m. 5/2 Magistrate's village with supplies.
		Maddur B P T	6 34	—	Road on above through Alankudil village, and then jungle except mounds, all irrigated.	Alankudil	Alankudil	A large town on the bank of the river Palar. At 8 m. pucca Alank; a few houses 2 shops 1 well, pucca
		Total		63 0				
		8 Marches						

TABLE No. 160.

## FROM KALUDGHEE TO GOKAK, BY YARDWAR.

CENTRAL DIVISION, W

Authorities		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Madras District, Bangalore	Collector of Bangalore	Kaludghee W. gate of town to lake	9 34	9 34	Electrical road.	Wells and wells	Moderate	200 houses occupying ground cleared and rocky. At 4 m. 25/2 Kumbakonam 200 houses, 1 shop. At 6 m. 40/2 across a well 70 yards wide, banks near. At 9 m. 1/2 Yankipatt; 80 houses, and Alankudil 60 houses, right and left of road.
		Yankipatt	13 34	23 9	Electrical road, mounds and shallow banks.	Wells	Alankudil, stage.	A small town of 100 houses; occupies II and III, also after leaving Lalapatt (the cleared road to Bangalore) branches off to the left. At 1 m. Bangalore 12 houses and road to Alankudil branches off to the right. At 8 m. 61/2 across the Yankipatt well 15 yards wide, but nearly and every bank stage. At 9 m. across a well 84 yards wide, delay of a few hours after 1 hour run. At 8 m. 20/2 Bangalore, 25 houses. At 8 m. 39/2 Kumbakonam 20 houses. At 13 m. 29/2 across heavy mounds, 14 yards wide, but sand and mud, banks low.
		Yagur	14 14	37 43	Do	Chalgartha river	None	80 houses and a small Magistrate's, occupies W on the bank of the Chalgartha river. At 8 m. 7/2 across Kumbakonam well, 60 yards wide, but muddy, banks very delay of some hours after heavy rain. At 6 m. 1/2 Bangalore, 20 houses. At 7 m. 11/2 across a well 40 yards wide. At 8 m. 21/2 Kumbakonam 20 houses, 2 shops. At 9 m. 31/2 across the Kumbakonam well, 80 yards wide. At 9 m. 71/2 across a well 18 yards wide. At 11 m.
		Correct over		37 43				

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Bangalore District, Bangalore	Collector of Bangalore	Brought over		27	42			11/ across meadow with 30 yards wide. At 11 m 3/ Lakshmi: 60 houses, 1 shop. At 12 m 41/ across the Gutierrez with 30 yards wide.
		Arborens	11	0	40	42	1 shop	100 houses, crossing W. At Tappa cross the Gutierrez river, 140 yards wide, bed sandy, banks easy. A boat had here during the rains. At 31/ Mookya, 100 houses, 2 shops. At 32 m 34/ across the Bagun ferry with, 80 yards wide, bed sandy, banks easy. A day of some days after heavy rain. At 33 m 1/ Waddelton, 125 houses, 3 shops. At 37 m 34/ across a mile 50 yards wide, and at 38 m 7/ across meadow with 25 yards wide, bed sandy, banks easy.
		Golak P	8	24			Abundant, marked on Thursday	A large place, 3 800 houses, crossing K. At 1 m 34/ across a mile 40 yards wide. At 3 m 3/ Laksh, 30 houses. At 3 m 7/ across the Gutierrez river 50 yards wide, 3 ferry boats here during the rains.
		Total		55	0			
		5 Marches						

TABLE No 161.

## FROM KALUDGHER TO GUJJUNDURGUR, BY BADAMEE

GENERAL DIRECTION, SE

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages	Miles	Perchages		
General Officer Commanding Bangalore District	Collector of Bangalore	Kaludgher to Gunton near to Kallie	14	6	14	6	Modest	180 houses. Mump BW of village, on black cotton ground, room for a regiment. At 4 m past Tonnachur, or Badamachur, water good, from wells. At 8 m 4/ Kartachur, 800 houses, tank, and well, moderate supplies.
		Badamee P	11	2	25	7	Abundant	A town, and stone fort, on a rock. At 7/ past Hingayee, 40 houses, well, and a well which is excellent, no supplies. At 4 m 3/ Nagalpur, no supplies. At 5 m 6/ Koo chibet, 40 houses, tank, but no supplies. At 8 m 7/ Adgal, 60 houses, no supplies. Water from a fine stream.
		Maramachur	15	8	41	6		20 houses, crossing S., on black cotton ground collected for a large force. At 1 m 3/ past Anantpur, small village, no supplies. At 3 m across Sannurath with. At 4 m 1/ Trichanur, 120 houses, supplies scanty, water from river. At 4 m 3/ across Kalyan river, 120 yards wide, bed sandy and stony, banks black, and fertile in November, a boat had for the
		Brought over		41	6			

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Per stage	Miles Total				
General Officer Commanding Bangalore District, Bangalore		Brought over		21 5				rain At 7 m. Below or Pichayal 200 to 300 yds. water and supply abundant. At 7 m. 1/2 mile S, 200 houses, abundant sup- plies, water and wells. At 13 m. 1/2 cross roads to Channarayana, 100 houses, a tank and plenty of water. Other wells at the end of the stage to Channarayana; plenty of water.
		Channarayana Gala	8 0		Good heavy and sandy with numerous black cotton soil.	Abundant and well	Abundant	200 houses. Good ground for the purpose of a large force close to the W. of the town. Channarayana consists of a strong hill bet- ween the hills, a strong hill to the N. and the river. At 13 m. 1/2 Channarayana, 100 houses, a well but no supply. At 15 m. cross roads to Channarayana 20 houses, well and water but no supply. At 18 m. the town, 40 houses, wells, no supply. At 21 m. 1/2 Channarayana, 100 houses.
		Total		29 5				
		4 Mares						

TABLE No 162

## FROM KALUDGHEE TO JUMKHUNDEN, BY MOODHOL

GENERAL DISTRICT, N. B.

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Per stage	Miles Total				
General Officer Commanding Bangalore District, Bangalore		Kaludghe Gala to Yangar wells, or Doodar wells	11 5	11 5	Good strong and road over black soil.	Wells	2 shops	200 houses. Fine ground for the purpose of a large force. At 11 m. 1/2 cross roads to river 210 yards from the town, a strong hill bet- ween the hills, a strong hill to the N. and the river. At 13 m. 1/2 Channarayana, 100 houses, a well but no supply. At 15 m. cross roads to Channarayana 20 houses, well and water but no supply. At 18 m. the town, 40 houses, wells, no supply. At 21 m. 1/2 Channarayana, 100 houses.
		Moodhol S P	7 1	18 6	Good road to the N. of the river, a strong hill bet- ween the hills, a strong hill to the N. and the river. At 13 m. 1/2 Channarayana, 100 houses, a well but no supply. At 15 m. cross roads to Channarayana 20 houses, well and water but no supply. At 18 m. the town, 40 houses, wells, no supply. At 21 m. 1/2 Channarayana, 100 houses.	Abundant and well	Abundant	The principal town of the District is here. At 11 m. 1/2 cross roads to river 210 yards from the town, a strong hill between the hills, a strong hill to the N. and the river. At 13 m. 1/2 Channarayana, 100 houses, a well but no supply. At 15 m. cross roads to Channarayana 20 houses, well and water but no supply. At 18 m. the town, 40 houses, wells, no supply. At 21 m. 1/2 Channarayana, 100 houses.
		Channarayana Gala	10 0	28 6	Good strong road with strong water at the end of the stage.	Abundant	Abundant	A town the residence of the Chief of the District is here. At 11 m. 1/2 cross roads to river 210 yards from the town, a strong hill between the hills, a strong hill to the N. and the river. At 13 m. 1/2 Channarayana, 100 houses, a well but no supply. At 15 m. cross roads to Channarayana 20 houses, well and water but no supply. At 18 m. the town, 40 houses, wells, no supply. At 21 m. 1/2 Chan- narayana, 100 houses.
		Total		31 6				
General Officer Commanding Bangalore District, Bangalore		3 Mares						



TABLE No 163

FROM KALUDGHEE TO KOLAPOOR, BY MOODHOL AND RYBAUG.

GENERAL DIRECTION, WNW

Articulation		Names of Stages	Distances		Road and Soil.	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Furlongs	Miles Furlongs				
General Officer Commanding Bangalore District Bangalore.	Civil	Kaludghee Moodhol B P	18 7	18 7	Cleared cart road. Soil mud, sandy, black and gravelly in parts	Wells and wells	20 shops on Theravay	Vide Table No 162 1708 houses, and travellers bungalow, on encamping ground 500 yards S of village. At S m. 1/2 pass Bangalore, 40 houses 4 wells, and a well and 1 shop. At S m. 6/7 cross a well. land sandy and shallow, water during rain. At S m. 8/7 Bangalore 200 houses, 3 shops 40 wells and wells. At S m. 1/7 cross well
		Moodhol B	13 4	31 1				
		Collector at Bangalore	10 6	41 7	Good road, soil mud	10 wells, and wells	20 shops	200 houses, encamping W of village. At 4/7 pass Bangalore, 20 houses, 2 wells, and wells At 4 m. 1/7 cross a well, and at 4 m. 4/7 Bangalore 180 houses 1 shop, 0 wells, and a well. At S m. 5/7 Bangalore, 20 houses and 4 wells. At S m. 4/7 Palla ree, 40 houses 2 wells and wells.
		Political Agent at Kolar	14 3	55 0	Good road, soil red	40 wells and wells 1/2 shops		400 houses encamping ground S of village At S m. cross a well to Rattal, or Godegal, 100 houses 3 shops 10 wells, and a well At 7 m. 2/7 cross wells to Bangalore, 20 houses, 2 wells and wells. At 9 m. 4/7 cross wells to Bangalore, 20 houses 4 wells and wells. At 11 m. 2/7 cross wells to Bangalore 20 houses, 2 wells and wells. At 11 m. 6/7 a rocky pass rather difficult for carts
		Takemba	18 3	73 3	Ditto	24 wells and wells 1/2 shops	20 shops	200 houses encamping ground NW of village At S/7 a rocky pass. At 4 m. Bangalore or Bangalore 20 houses 4 wells, and wells At S m. 6/7 Bangalore, 180 houses, 1 shop, wells for 12 houses
		Danabhe Wane	11 4	84 7	Black soil and good	10 wells	1 shop	20 houses, country level and open, encamp- ing ground on all sides. At 1 m. 7/7 bar wanes 20 houses, 2 wells. At S m. 1/7 Bangalore 20 houses, 18 shops, 20 wells, and Bangalore river. At S m. 5/7 cross Bangalore river 160 yards wide, banks low banks level in the river, ground sandy At 7 m. 2/7 Bangalore, 200 houses 1 shop, 2 wells, and river. At 9 m. 7/7 Bangalore Wane, 20 houses 4 wells
		Hillawar	9 0	93 7	Black soil road good	4 wells and wells		20 houses At S m. 2/7 pass Bangalore deserted track and wells
		Kolapur Kolar B P	9 0	102 7	Country cart road for S m, the road made	4 houses	4 houses	At 1 m. 7/7 pass Bangalore 20 houses 2 wells and wells. At S m. 8/7 Bangalore 40 houses, wells and wells. At S m. 1/7 cross wells At S m. 1/7 Bangalore 20 houses 1 shop and wells. At S m. 2/7 cross road from the town of Bangalore to Bangalore. At S m. 5/7 cross the road from Bangalore (town) to Bangalore.
		Total		102 7				
		9 March						

TABLE No. 164

## FROM KALUDGHEE TO LINGASOOGOOB, BY HOONGOOND.

GENERAL INFORMATION, &amp;c

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles.	Fathoms.					
			Miles. <td>Fathoms.<td></td><td></td><td></td><td></td></td>	Fathoms. <td></td> <td></td> <td></td> <td></td>					
General Officer Commanding Madras District Madras		Collector to Kaludghee	From Kaludghee to Dugabale P.	14 0	15 0	Good cleared road, soil red and black	One tank cycle river	Abundant	A town of 2,000 houses; occupying ground left of road, i. e. of tank on the bank of the river high dry and extensive. At 1 m. 12/ Tonshagappa, 1st house. At 8 m. 13/ ore & the cleared road from Dugabale to Bodipoor. At 8 m. 7 / Galsakara, 20 1st house 2 wells
		Karungal P.	18 0	23 0	Cleared road, soil black	Malpura river	Plentiful	100 houses on the Malpura river. At 8 m. Porey, a large village. At 12 m. the cleared road to Bodipoor turns left to the right side to the right for a house	
		Hoongond P.	15 0	44 0	Cleared road, soil black and red	Wells and tanks	Abundant	A large village, 400 houses occupying ground somewhat elevated on the left of the road. Over the Malpura river at Karungal At 4 m. top of peak at 12 7 m. Karungal At 8 m. Karungal. At 9 m. Karungal	
		Theruvu	7 4	81 4	Country wet track	Do	Plentiful	10 houses; occupying ground high and good left of the road. At 1 m. 8 / cross a well to Oosterwate. At 8 m. 8 / Hoongond At 9 m. cross a large well	
		Kudakudi	20 4	82 0	Do	Do	Abundant	400 houses occupying ground high and close to the river. At 8 m. 2 / cross a well to Chit Adipore	
		Alindal Fort	18 8	71 8	Do	Abundant	Do	200 houses; occupying ground good high, but covered with grass. At 8 m. 8 / cross a well to Oosterwate. At 8 m. 1 / cross a well to Adipore. At 9 m. 8 / Chit Adipore	
General Officer Commanding Madras District Madras		Collector to Kaludghee	Langood P.	10 8		Do	Do	Do	300 houses; occupying ground high and good N.E. of the Oosterwate of the Adipore Oosterwate is 8 m. 2 / At 8 m. 2 / Oosterwate and Adipore. At 8 m. 2 / Oosterwate
		Total		84 8					
		7 Miles							

TABLE No. 165.

## FROM KALUDGHEE TO SATTARA, BY MOODHOL, TEERDUL, AND TASGAUM.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.				
			Single.	Total.								
Military.	Civil.		Miles.	Furlongs.								
General Officer Commanding Balgaum District, Balgaum.		Political Agent at Kolapoor.	...	81	8	.....	.....	Vide Table No. 103.				
		Kaladghee Cantonment to Mahalingapoor.	9	0	41	1	Good cart-road, generally over black soil and level country.	15 wells, and in different tank.	Moderate ... 1,000 houses; good encamping ground. At 2 m. pass Kasirkopo, no supplies, a well and a nulla. At 7 m. 1/2 f. Goolambhaves, 4 wells and a nulla, but no supplies. The country is a hard elevated barren plain nearly desert from want of water.			
		Teerdul .....										
		Collector at Balgaum.	11	1	52	2	Ditto	River Kristan	Scanty	100 houses on the south bank of the Kristan, and about 3 f. before reaching it; encamp on the banks, among fields. The river is crossed here, 500 yds. broad, and difficult for carts, from the steepness of the banks; not fordable till December, until when a basket boat plies. At 4 m. 5 f. pass Shingomahoe Kootmat, river and wells; no supplies. At 6 m. 7 f. Bankhuttoo, 60 houses, tank, and wells; no supplies.		
		Mootapoor-Khemapoor.										
		Mungwoolee .....	12	3	64	5	Red and stony soil, undulating and rugged ground, difficult for carts.	Water, from pits in a nulla, all the year.	Scanty; 1 shop	200 houses and a small fort; encamping ground east, among fields. At 2 m. 7 f. pass Kitoor, 1 shop, and water from the river, about a mile distant. At 5 m. 4 f. Aconapoor, a large village, with good encamping ground; water from river and tank, and abundant supplies; country open and partially cultivated. Cross two nullas between Aconapoor and Mungwoolee.		
		Political Agent at Kolapoor.	12	8	77	0	Ditto	Abundant, wells.	from Abundant	Large village; good ground for encamping, among trees, on the E. Leaving Mungwoolee cross two nullas, and at 4 m. 4 f. pass Ury or Arug, 200 houses, 8 shops, 20 wells, and a nulla. At 10 m. 5 f. Mallovaroo, 40 houses, no supplies; water from wells and springs in a nulla. Cross nulla close to the village.		
		General Officer Commanding Poona Division, Poona.		Collector at Sattara.	15	4	92	4	Good cleared cart-road, soil red and black.	Ditto	Abundant, market on Fridays.	A town with good bazar and a small Mamuldar's bungalow; encamping ground, south, good and high; country open and cultivated from the Kristan river. At 0 m. 0 f. pass Chumbarwaroo, 4 houses, 2 wells; no supplies. At 9 m. 2 f. Koomtoe, 50 houses, water scanty, from wells; no supplies. At 11 m. 5 f. Nagam Koria, 250 houses, 8 shops, abundance of water, from wells.
				Bamboda .....	8	14	100	54	.....	.....	.....	} Vide Table No. 73.
				Kurroepoor .....	17	1	117	04	.....	.....	.....	
				Poonawalee .....	11	64	123	34	.....	.....	.....	
				Rhymutpoor .....	12	8	141	03	.....	.....	.....	} Vide Table No. 70.
				Sattara .....	15	01	...	...	.....	.....	.....	
				Total .....	...	...	160	7				
						13 Marches.						

NOTE.—This is the nearest road between Kaludghee and Sattara. The country is open the entire distance, and nearly level, excepting the trifling table land between Teerdul and Mabelingapoor. The only difficulty of any importance is the broken ground between Aconapoor and Malgaum, and this may be avoided by the following detour.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supply Notes	Remarks	
Military	Civil		Stages		Total						
			Miles	Fathoms	Miles	Fathoms					
General Officer Commanding Belgaum District, Belgaum		Mangwolen			81	5	Barren and steep to horror from whence there is a good road over hills and red soil	Wells and hand on river, 8 f down	4 shops	As above.  (100) houses. Track p W on the bank of the Kritia. Pass at 7 m horrid, or Kaur ra 80 houses 10 wells and a well, no supply.	
		Pakland Hymal Agard at Kolapur	8	3	73	7					5 wells and a well, none
		Collector's at Belgaum	9	71	83	61					
		Collector's at Belgaum	11	1	81	72					
C O O P D Poon		Collector's at Belgaum								At 8 m. 71 f Karakwara a few huts. At 9 m. 1 f horrid, 600 houses 10 shops, wells and wells.	

TABLE No 103

FROM KALUDGHIE TO SUNKESHWUR, BY YARDWAR

GENERAL DIRECTION, N

Authorities		Names of Stages	Distances				Road and Soil	Water	Supply Notes	Remarks					
Military	Civil		Stages		Total										
			Miles	Fathoms	Miles	Fathoms									
General Officer Commanding Belgaum District, Belgaum		From Kaludghie to Uti area			48	47									
		Belgaum P	14	71	63	4	Cleared road	Wells		See Table No. 180					
		Belgaum P	8	04			Ditto	Wells, wells and horridness river	Along bank 80 at 1 m. 1 f horrid 20 houses. At 1 m. 4 f cross a well 60 yards wide. At 7 m. 7 f cross a well 1 m. 15 yards wide. At 8 m. 11 f. Good m. 60 houses. At 9 m. 11 f cross a well 20 yards wide. At 11 m. 11 f cross a well 25 yards wide. At 12 m. 11 f cross a well 1 m. 10 houses. At 14 m. 21 f cross a well 18 yards wide.		180 houses on the Ilrakwara river good country up ground 1. At 4 f cross a well 70 yards wide to Belgaum 5 houses. At 8 m. 8 f cross a well 18 yards wide. At 8 m. 4 f. Belvar 600 houses 7 shops, and market on Sunday. At 4 m. 11 f cross a well 80 yards wide. At 5 m. 11 f cross Kapur wells 80 yards wide. At 6 m. 7 f cross the cleared road from Belgaum to Tangam. At 7 m. 2 f cross a well 14 yards wide.				
		Total			71	41									

C. Miralun.

TABLE No. 167.

## FROM KOLAPOOR TO BEEJAPPOOR, BY MEERUJ, HUTNEE, AND HONWAR.

GENERAL DIRECTION, E.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.	Total.						
			Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding Belgaum District, Belgaum.	Political Agent Southern Mahratta Country at Kolapoore.	Kolapoore Post Office to Ateokerech.	10	0½	10	0½	Made road, bridged and drained.	Tank and well	1 shop	160 houses; encamping ground SE. At 7½ f. pass the travellers' bungalow at Kolapoore. At 1 m. 1½ f. the road to Belgaum branches off to the right. At 3 m. 5 f. cross the Panchganga river (bridged). At 4 m. 7 f. leave road to Battara and turn east. At 5 m. 8 f. cross a nulla 24 yards wide, bed sandy. At 6 m. 4½ f. Halondop, 2 f. right, 135 houses. At 7 m. 1 f. cross a nulla 20 yards wide. At 7 m. 3 f. cross another nulla 20 yards wide. At 7 m. 5½ f. Heicheh, 500 houses, 15 shops, 1 dhurumala, water from tanks and wells. At 8 m. 6 f. cross the Kudikwale nulla, 10 yards wide. At 9 m. 4½ f. Ohnak, 100 houses, 8 shops. At 10 m. 3½ f. Mooringshe, 160 houses.
		Obesproe	11	7½	22	0	Iditto	Wells	8 shops	460 houses, about 5 f. on left, encamping ground left of road near a well. At 2½ f. made road to Ichalkurwange branches off to the right, and at 7 f. cross the old road from Kolapoore town to Dilch. At 1 m. 8½ f. old road from Kolapoore joins on right. At 2 m. 5½ f. cross a nulla 30 yards wide. At 4 m. 2 f. cross another nulla 25 yards wide. At 6 m. 4 f. old cleared road to Oodgaum on left. At 7 m. 1½ f. Tumdinga, 100 houses, 1 shop.
		Meeruj P.	10	3	33	1	Made road for 3 m., the rest country cart track.	Abundant	Abundant	A small town of 4,788 houses; encamping ground N. At 1 m. ½ f. a well of good water. At 2 m. 2½ f. old cleared road joins on left. At 3 m. 3½ f. Oodgaum, 500 houses, 4 shops. At 4 m. 1 f. cross the Kristna river, 400 yards wide, a ferry boat here. At 4 m. 3½ f. Akulce, 184 houses. At 5 m. 3½ f. Dhannee, 200 houses, 11 shops. At 5 m. 6½ f. cross a nulla 35 yards wide. At 6 m. 4 f. cross another nulla 30 yards wide.
		Urg, or Arag	11	2	44	3	Tolerably good country level; soil varice.	Wells inside the village, and a nulla.	Shops	300 houses; open encamping ground. At 3 m. 4 f. Bolver, 40 houses, nulla, but no supplies; cross several small nullas to Berez at 0 m. 0½ f., 200 houses, supplies scanty, water abundant from wells. From this to Urg the road is rugged.
		Kempwar	0	5	51	0	Iditto	3 large wells, and 2 pits in a nulla.	2 shops	200 houses; encamp E., among labool trees, on black cotton ground; wells near camp. At 3 m. pass Sheendware, 80 houses, nulla, no supplies; the country from Meeruj to this is a vast plain, with patches of cultivation.
	Collector at Belgaum.	Hutnee P.	11	2½	62	2½	Road good, over a plain of black soil.	Good, from wells.	Abundant; large banar.	1,000 houses; encamp SW., or in large tamara-riid grove to the E., with a fine well in a temple close by; cross two nullas from Kempwar to Mooringshe at 0 m. 2½ f., 40 houses, on the right bank of the Agurnee river, which is crossed close by; no supplies.
		Carried over			62	2½				

Authority		Name of Stage	Distance		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Mileage	Chil		Miles	Perchm.				
		Brought over	82	22				
Collector at Belgawan	Asagiline		18 3/4	76 0	Good gravel and siliceous, mostly black and red.	Shade and a large slope with a good water		20 houses, swampy in the V on bank all very good, but no barrenable slope will grow to corn. At 6 or 7, 8000 ft. 20 houses with but no a good; 3 small valleys crossed from hot (clay) Country from 2000 ft. with with the valley.
Collector at Kaled ghar	Harwar		11 3/4	87 3/4	Good gravel and black sandy soil, containing no boulders	A well of good water		200 ft. in good country ground NW. At 5 or 6, 1/2, 1000 ft. 20 houses, with a well from 1000 ft. over 1000 ft. small valley, very dry open and containing with little cultivation
Collector at Kaled ghar	Taluksh, or Churung		9 3/4	91 3/4	Ditto	Shade from water		20 houses and a fair; swampy on a level plain to the N. and siliceous and soil, cross the line over on this stage
Collector at Kaled ghar	Braypaw, Chila, P	Feche	12 3/4		Good cleared	Shade from water		1000 ft. in good country ground NW. At 5 or 6, 1/2, 1000 ft. 20 houses, with a well from 1000 ft. over 1000 ft. small valley, very dry open and containing with little cultivation
	Total			207 1/4				1000 ft. in good country ground NW. At 5 or 6, 1/2, 1000 ft. 20 houses, with a well from 1000 ft. over 1000 ft. small valley, very dry open and containing with little cultivation
	10 March							1000 ft. in good country ground NW. At 5 or 6, 1/2, 1000 ft. 20 houses, with a well from 1000 ft. over 1000 ft. small valley, very dry open and containing with little cultivation

From Kolar to Mysore by U.M. is as follows :-

[illegible]

TABLE No. 168.

## FROM KOLAPOOR TO DEOGURH, BY THE PHONDA GHAUT.

GENERAL DIRECTION, SW.

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.	Names of Stages.	Stage.	Total.			
			Miles.	Furlongs.			
			Miles.	Furlongs.			
General Officer Commanding Belgaum District, Belgaum.		Political Agent at Kolapoort.	From Kolapoort Post office to Parvoti.	10 04	10 04	Made road, river and nulls bridged and drained.	River and wells... None ..... 100 houses; encamping ground N. At 1 m. 2½ f. cross Jatticocha nulls (bridged) and enter town of Kolapoort. At 2 m. 8½ f. end of town. At 3 m. 1½ f. top of Poornal Khind. At 7 m. 8½ f. Waree, 200 houses, 2 shops, 10 wells, and a tank. At 10 m. 1 f. Dowal. At 11 m. 4 f. Haldoo, 60 houses. At 12 m. 8½ f. Kothuloo, 100 houses.
			Khindcocha Harvada.	8 04	24 04	Ditto	Wells and nulls... None ..... 30 houses; encamping ground N. At 2 m. 1 f. Ghotovroho, 60 houses. At 4 m. 2½ f. Bhogesh, 40 houses. At 4 m. 7½ f. Anphoocho Harvada, 60 houses. At 6 m. 6½ f. Owice, 60 houses. At 7 m. 7½ f. Unja, 50 houses.
			Shogrechoo Waree, near Walvora.	8 13	33 0	Ditto	Ditto ..... Procurable from Walvora about 1½ m. N. 20 houses; encamping ground N. At 1 m. 2½ f. top of Harvada khind. At 4 m. 2½ f. top of Gybee khind and road from Neopanto joins on left. At 5 m. 4½ f. Manjar khind. At 7 m. 2½ f. Walewra on right. At 8 m. 1 f. cross nulls "Gunneah goud," 30 yards wide, bed sandy, delay of a few hours after heavy rain.
			Dajapeoor	10 0	43 0	Ditto	Ditto ..... 10 shops ..... 12 houses and small hear; encamping ground W., dharmasala for 74 travellers, travellers' bungalow. At 1 m. 4½ f. Poyjoora, 14 houses. At 2 m. 6½ f. cross a nulls 25 yards wide, bed sandy and stony; delay of 2 days after heavy rain. At 3 m. 2½ f. Waree, 20 houses. At 4 m. 6½ f. Yojoom, 12 houses. At 7 m. 3 f. Mandrochoo waree, 20 houses, and cross a nulls, 25 yards wide, delay of some hours after heavy rain. At 7 m. 7½ f. cross the Sholup nulls 20 yards wide, delay of some hours after heavy rain. At 8 m. 7½ f. cross the Bhogawtee river.
		Collector at Rahangherry.	Phonda Bazar, Government Dharmasala.	0 04	53 04	Ditto	Nulls and wells... 12 shops ..... 17 houses and a small hear; encamping ground R. near the Government dharmasala and a large well. At 1 m. 2½ f. top of Phonda ghaut. At 7 m. 7½ f. end of ghaut, descent easy. At 8 m. 8½ f. Phonda village, 300 houses about 3 f. to right. At 9 m. 1½ f. Pimpulwaree, 10 houses, 1 shop. At 9 m. 4½ f. cross the Phonda river (bridged).
			Hudpid	12 64	65 4	Made road	Ditto ..... None ..... 40 houses; good encamping ground N. At 1 m. 4½ f. road to Khawesputan branches off to the right. At 1 m. 7 f. road from Malwan joins on left. At 5 m. 3½ f. Dhanayracho khind. At 6 m. 7 f. Waree Walechoo waree, 15 houses. At 8 m. 7½ f. Madlee waree, 10 houses. At 8 m. 6½ f. spring and tank. At 10 m. 8½ f. Seerbat. At 11 m. 4½ f. Kolocho, 40 houses, 6 wells. Country hilly with low jungle.
			Carried over.....	85 14			

[illegible]

TABLE No. 169

FROM KOLAPOOB TO KILAREPUTTUN, BY THE BOWRA GHAUT

GENERAL DEDUCTION FOR

Authentication		Name of Range	Distance		Road and Be L.	Native	Supplies	Remarks
			Stops	Total				
History	Oral		Miles	Package	Miles	Package		
See all Office Document re. Indians District, Indians	Flat (about 1/2 mile) at Kalispell	Kalispell Post Office to Mather Post	14	14	14	11	3 stops	40 hours; accompanying ground SW 41.1 m. 3/2 post (Kootenai and Imperial) but near the town of Kalispell. At 3 m. 3/2 / road to the Platte plus 1/2 mile w off to the left. At 3 m. 3/2 / Kootenai trail on the left. At 6 m. cross the Kootenai river at or 100 yards wide bed sandy; a small boat here in the river. At 6 m. 3/2 / Thompsons. 40) cross about 1/2 / left. At 12 m. 11 / Kootenai 30 hours. At 11 m. 1/2 / Abner 40 hours. At 11 m. 40 / Kootenai, about 2 1/2 / on left. At 12 m. 3/2 / Kootenai, 3/2 / left. At 12 m. 7 / Kootenai 3/2 / left, 40) cross. At 12 m. 40 / cross the Platte or Thompsons river 180 yards wide bed sandy; a small boat in the river.
		Bellevue	8	13	8	8	2 stops	20) hours; accompanying ground NW 41.1 m. 1 1/2 / Kootenai river 60 yards. At 1 m. 40 / cross the Thompsons river 180 yards wide bed sandy; a small boat here in the river. At 3 m. 3/2 / Kootenai, 3/2 / left. At 4 m. 3/2 / Wagon. At 8 m. 11 / cross (1) Kootenai about 180 yards wide. At 8 m. 1/2 / cross a small 40 yards wide, a small boat here in the river.
		Occidental river	23	23	23	23		



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles.	Furlongs.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.		Political Agent at Kolapur.	Brought over.....	22 8½				
			Ancolec.....	8 6¼	Cleared cart road, soil red.	Kulh .....	Scanty.....	30 houses; encamping ground E. At 1 m. 4½ f. Mangaycheware. At 3 m. 1½ f. across the Dhamnee river, 80 yards wide, bed sandy, banks muddy. At 3 m. 3 f. Mandochie, 80 houses. At 4 m. 1 f. recross the Dhamnee river. At 5 m. 2½ f. Senowda, 20 houses. At 8 m. 4 f. Kakomla, 25 houses. At 8 m. 1 f. cross a nulla 13 yards wide.
			Bowna (Gugun) .....	7 4½	Cleared road for 6½ m. the rest mudd.	Tank and wells ...	15 shops, no doria, market on Thursdays.	300 houses and dhurumala; encamping ground E. At 1½ f. cross a nulla 15 yards wide. At 7 f. cross the Rupoon nulla 20 yards wide. At 4 m. Bangwe, 16 houses. At 4 m. 4 f. Maharowda. At 5 m. ½ f. cross a nulla 13 yards wide. At 5 m. 4½ f. Bowdaswaree. At 6 m. well and pagoda.
		Collector at Ratnagerry.	Bhoos Bowna .....	4 1½	A paved cattle road down the ghaut and very steep in many parts.	Nulla and wells ...	2 shops .....	100 houses; encamping ground in fields, confined. The descent of the ghaut is 1 m. 4 f. At 2 m. 4½ f. Bungaywaree, 20 houses. At 3 m. 2½ f. Bhurumwaree, 3 huts. At 3 m. 5½ f. Kamaawaree, 8 huts.
			Kharasputan P. ....	12 5½	A cattle track .....	Abundant .....	50 shops .....	400 houses, 1 dhurumala; encamping ground good and open to the E. Boats of about 40 candles come alongside of the bunder at low water; the landing place is good. At 2½ f. Taboolwaree, 20 houses; cross 3 nullas, stony beds with water to Teerowda at 1 m. 1½ f. 60 houses, water from nulla. Cross 4 stony but easy nullas to Koombarwaree at 4 m. 1 f. 18 houses with water from nulla. At 5 m. 2½ f. Comberda, 75 houses 4 f. left. Cross 3 nullas to Kolpio at 6 m. ½ f. 30 houses, and a well. At 6 m. 2½ f. Bhooorwaree, 6 houses. At 7 m. 1 f. road branches off to Rajepoor. At 7 m. 1½ f. Toolwalwaree, 6 houses and a well. At 8 m. 1½ f. Toolwal, 80 houses, 4 wells. At 8 m. 6½ f. cross Sook river, 83 yards wide, stony bed, easy approaches. At 9 m. 1½ f. Bowna-chowree, 5 houses. At 10 m. ½ f. Oheo-chowree, 13 houses. At 10 m. 6½ f. Oheo-chowree waree, 6 houses.
			Total.....	55 5½				
			6 Marches.					

TABLE No 170.

FROM KOLAPOOR TO MALWAN, BY THE PHONDA GHAT.

GENERAL DIRECTION, SW

[illegible]

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles.	Furlongs.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.								
Collector at Ratnagerry.								
There is another road from Kunkowise to Malwan by Kutta and Bockulwad as follows:—								
		To Kunkowise .....	...	68	7½	.....	.....	As above.
		Kutta .....	15	7½	78	6½	Cleared road to Kussal, the road, made.	Wells and mulla. 17 shops, market on Fridays.
		Malwan, Mamitdar's Kutcherry, P.	18	1	.....	.....	Abundant	Abundant
		Total .....	...	88	7½	.....	.....	.....
		8 Marches.						
<p>At 1 m. 6½ f. Koonkole, 100 houses, 7 wells. At 2 m. 4½ f. top of Koopeyreecho ghaut. At 3 m. 1½ f. Nagur Bhui, 30 houses. At 4 m. 1½ f. Chowke Ambery, 30 houses. At 5 m. 1½ f. Koopey, 31 houses. At 6 m. 2½ f. Hodeecha Adwa khind. At 7 m. 2½ f. top of ascent. At 8 m. 3 f. Annudwar, 27 houses, 1 shop; crosses a nulla and commences ascent. At 9 m. 4½ f. top of ascent. At 10 m. 1½ f. Koommar matte, 20 houses, 4 shops, and 2 wells. At 11 m. 3 f. commences descent of Dewoolwar ghaut. At 12 m. 4 f. end of descent. At 13 m. 1 f. road to Hangur branches off to the right.</p>								

TABLE No. 171.

## FROM KOLAPOOR TO RAJAPOOR, BY THE UNNUSKOORA GHAUT.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles.	Furlongs.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Belgaum District, Belgaum.								
Political Agent at Kolapoore.								
		From Kolapoore Post Office to Yoko.	0	4½	Made road for 2½ m. the rest a cattle track over black soil.	Wells .....	None .....	215 houses. At 1 m. 4 f. crosses Juttecha nulls (bridged), and passes through the suburbs of the town of Kolapoore for 1½ m. At 5 m. Singapoore, 250 houses. At 6 m. 4 f. crosses the Panch punga river, 115 yards wide, bed sandy, fordable in November. A ferry boat at Denewda about a mile up the river. At 7 m. 4½ f. Koopey, 150 houses and dhurumala.
		Carried over .....	...	9	4½			

TABLE No 170

## FROM KOLAPOOR TO MALWAN, BY THE PHONDA GHAUT.

GENERAL INFORMATION, &amp;c

Authorities		Name of Stage	Distances		Road and Rail	Water	Supplies	REMARKS					
			Stage	Total									
Military	Civil		Miles	Perchages	Miles	Perchages							
General Officer Commanding Madras District	Colonel of Madras Infantry	From Kolapur to Phonda River Kandharwa P	21	04	84	01	Made road, masonry, river and walls with drains over all the small stages.	Abundant, except on Thursdays.	See Table No 168				
		Mangar Warre	9	11	78	04	Ditto	Ditto	Plentiful from Mangar.	8 houses, good occupying ground on the banks of the God river. At 8 f. Pabes shirwa. At 8 f. Kaland or Asari Mut, 80 houses, 3 shops. At 1 m. Bawar warre 61 houses. At 1 m. 30 f. Lashy warre 3 houses. At 8 m. 30 f. Jannawara, 60 houses. At 8 m. 4 f. across the D white river, 48 yards wide, bed sandy, a small boat in the river. At 5 m. cross a large nullah. At 8 m. 3 f. Khandwar 11 houses. At 7 m. Ghatary 611 houses and a large nullah to Mangar. At 7 m. 4 f. 100 houses, 4 shops and a fort. Country hilly and covered with low jungle.	20 houses, occupying ground. At 11 f. across the God river, 181 yards wide, bed sandy, a small boat in the river. At 1 m. 3 f. Khandwar, 100 houses and 8 walls. At 1 m. 11 f. Warre, 88 houses. At 3 m. 14 f. Khandwar Warre, 30 houses. At 3 m. 14 f. across the Harwa river 80 yards wide, bed sandy, a small boat in the river. At 8 m. 14 f. Mankhy, 60 houses and 3 walls. At 6 m. 1 f. Khandwar for about 20 yards wide. At 5 m. 4 f. across a large nullah.	1 shop, no supplies from Malwar.	
		Forangas Buz	7	7 1/2	81	01	Ditto	Ditto					
		Malwa Mandlida's Kutaberry P	11	2			Ditto	Abundant	Abundant	A suspect town, 8173 houses, Mandlida's Kutaberry, Mandlida's court, Police station a good large Khandwar and Post office occupying ground. At 3 f. Khandwar warre 28 houses and numerous a short street. At 1 m. top of ascent. At 8 m. 3 f. Khandwar descent. At 4 m. 14 f. end of descent. At 4 m. 8 f. Khandwar, 61 houses, 2 walls. At 6 m. 14 f. Khandwar. At 8 m. 11 f. top of another ascent. At 7 m. 3 f. Khandwar descent of Khandwar. At 8 m. 11 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. At 8 m. 14 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. At 8 m. 14 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. At 8 m. 14 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. At 8 m. 14 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. At 8 m. 14 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. At 8 m. 14 f. across the road, 180 yards wide (bumped). At 8 m. 14 f. 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Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles.	Fathoms					
General Officer Commanding Belgaum District Belgaum.	Political Agent at Kalyan	Brought over		0	41				
		Shangha River	10	1	19	41	Cattle track over Mandhara soil	Weekly boats on Tuesdays	20 houses. At 2 m. 14 f. Kassar Khabd At 4 m. 41 f. Mandhara, 20 houses. At 4 m. 11 f. Purnal 100 houses. At 8 m. 41 f. across a nullah 10 yards wide, delay of a few hours after heavy rain. At 7 m. 41 f. Nalab, 10 houses
		Ummahara	13	8	32	24	Do do	Baro and wells	4 shops 11 m. further on
	Collector at Belgaum	Karnapattan	10	21	42	41	Cattle track to the foot of the ghats the road is a steep road	8 shops	20 houses and Pal to showlay At 61 f. road from Mandhara to m. on right. At 1 m. 14 f. across the Gacwara river 20 yards wide. At 1 m. 41 f. Ummahara house and a large Garumabla for 200 men. good an evening ground near it. At 2 m. 1 f. top of Ummahara ghats. At 4 m. 1 f. Brino 20 houses and Pal to showlay at the foot of the ghats. Cattle track along and drill with. At 4 m. 8 f. across a nullah. At 5 m. 21 f. Karwala, 120 houses and Gauram sala. At 6 m. 11 f. across a river, delay of some hours after heavy rain. At 8 m. 41 f. Pandhara 20 houses 1 shop.
		Shangha River	13	8			Gravel road over Mandhara soil	Abandoned	A large village about 1000 houses on the Kassar river 200 yards wide occupying ground 1/2 in a loop of river. A good border and landing place boats of about 200 tons come up to the border at high water. At 8 m. 4 f. across the Kassar river 20 yards wide but nearly a narrow wooden bridge put up by the villagers every year in the rain. At 6 m. 41 f. Mandhara 20 houses. At 8 m. 1 f. 8 m. 41 f. and 8 m. 61 f. across nullah 20 yards wide but nearly banks steep. At 11 m. 4 f. Gauram 220 houses. At 14 m. 11 f. Bad trappe and across a nullah. At 18 m. 41 f. Mandhara at Pappur
		Total			80	71			
		5 Marah							

Note.—The road by the River Ghats and Karnapattan is 7 m. 41 f. longer

Kalyan to Karnapattan	10	41	1 mile Table No. 109
Karnapattan to Pappur	11	7	Table Table No. 113
Total	21	48	

TABLE No. 172.

## FROM KOLAPOOR TO SATTARA, BY KURBAR.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.	
Military.	Civil.		Stage.	Total.					
			Miles.	Furlongs.					Miles.
General Officer Commanding Forces Division, Poona.	Collector at Poona.	From Post Office at Kolapoore to Kharve.	14	0	14	0		1746 Table No. 186. (2)	
		Kharve	0	7	21	0			
		Kandhara	0	31	31	31			
		Kharve R.P.	10	4	41	0			
		Chikar P.	10	1	51	74			
		Kharve R.	0	0	51	74			
		Patana Post Office B.P.T.	12	5					
Total.					70	41			
7 Mares.									

NOTE.—Parasol (overcamping ground) marked out at Kharve, Kandhara, Kandhara, and Kharve.

TABLE No 173 (1)

FROM KOLAPOOR TO SAWUNTWABEE, BY NEHPANEE AND THE  
PARPOOLKE GHAT.

GENERAL DIRECTION, SW

General Officer Commanding Madagascari District, Madagascari

Authority.		Distance.		Road and Soil	Water	Supplies	Remarks.
Military	Civil	Name of Stage	Stages				
			Miles.	Perangs.	Miles.	Perangs.	
General Officer Commanding Madagascari District, Madagascari	Political Agent at Kolapoora	From Kolapoora to Enghal	21 1/2	74	11 1/2	74	See Table No 70
		Deopur	18 1/2	74	84	04	
		Kolapoora	11 1/2	44	86	4	180 houses. At 8 m 24 1/2 continuous ascent of the Tharpoor Ghat. At 4 m 1/2 a well. At 8 m 24 1/2 top of Ghat. At 5 m 4 1/2 a well. At 7 m 6 1/2 Karanga, 220 houses, and 8 shops. At 10 m 8 1/2 leave the main road to Deopur and turn to the right.
		Shikhar	6 7	46	3		
		P					
		Ajra	18 71	10	35		
	Political Agent at Sawuntwabee	Deopur	10 84	86	14		180 houses. At 8 m 24 1/2 continuous ascent of the Tharpoor Ghat. At 4 m 1/2 a well. At 8 m 24 1/2 top of Ghat. At 5 m 4 1/2 a well. At 7 m 6 1/2 Karanga, 220 houses, and 8 shops. At 10 m 8 1/2 leave the main road to Deopur and turn to the right.
		Deopur	10 8				
		Total		88	41		
		8 Miles.					



TABLE No 173 (2)

FROM KOLAPOOR TO SAWUNTWAREE, BY THE HUMMUNT GHAT.

OFN) RIL DEFECTON. SW

[illegible]

Authority		Number of Stages	Distance		Road and Boat	Water	Supply boat	Remarks
			Stage	Total				
Military	Civil		Miles	Days	Miles	Days		
		Brought over	40	5				
		Distances	8	1	50	1		
		Wre and wreck R. F. T.	18	0				
		Total	73	7				
		7 Marches						

TABLE No 174

FROM KOLAPOOR TO SHOLAPOOR, BY MERRUJ.

GENERAL L. BULLINGTON, JR.

Authority		Name of Village.	Distance		Road and Soil	Water	Soil type	Remarks	
			Stage	Total					
Military	Civil		Miles.	Parangs.	Miles.	Parangs.			
General Officer Comd. Madaya Division Dacca, Bangladesh.	Political Agent & M. Officer at Kalapara	Kalapara to Xeray			33	1		See Table No. 177	
		Debang	15	3	48	3	Good fair weather cult. with and with rice silted	Fertile slops	350 houses. At 8.1.4 / Madaya, 800 houses At 7 = 7 / Gombakawa, 15 houses with garden and wall At 8 = 5 / Kanda Bhasa 25 houses. Paddy rough a little about 1 m in length not fit for the cultivation
		Kandao	7	81	53	13	Good fair weather cult. rice, black soil	No	Scarcely 3
		Current river			38	81			Scarcely 3

Authorities.		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks			
Ministry	Officer		Stages	Total							
			Miles	Perangs	Miles	Perangs					
General Officer Commanding Malacca District, Singapore	Political Agent S. M. Country at Kelantan	Brought over			44	41					
		Stage	7	8	51	49	Very stony and bad with numerous holes, excepting by two small bridges across and hooked where it is pretty good, country ratherilly, few huts on the left / one Baitan also worse.	Wells with water all the year, and wells	Abundant, 12000 houses, 4/ left of the road, occupying ground B and K of the village, but the stony. Cross two miles to Baitan where, 3/ left, at 8 = 4 1/2 water from wells and ponds. Cross two more miles, and at 8 = 1 1/2 Karamore, 80 houses, water from wells and wells for tea made, no supplies.		
		Shitied	18	0	79	49	First mile tolerable, then very bad rocky, and stony, and through range of hills, afterwards tolerable.	20 wells, and Baitan river, the latter drove about March, but ponds are dug in the bed, some in hot weather	sheep, sup-plies of grain, etc.	180 houses, occupying B and K in all directions, in good ground, a tops of trees on the head of hills for irrigation. At 6/ cross rocky mounds with water and small water. At 8 = 4/ rocky mounds with temples. At 8 = 4/ Jommes, 100 houses, Baitan, wells, and wells, no supplies. Cross 8 miles, and at 12 = 4/ the Baitan a branch of the Malacca river. Country pretty, huts, and wood-brained, cultivated from Jommes	
		Kardie	13	3	92	52	Good soil and sandy over a sand plain, to Karamore, thence land and rough, and in parts sandy	Good water, from 20 wells across in the hot season. Water river is about 3 = W. with water all the year	sheep, grain and fudge procurable, and to be had from Baitan in abundance, 4 = W	40 houses, occupying ground all round. At 4 = 8 1/2 pass Baitan, 80 houses, 3 wells. Cross mounds with water, and at 7 = 8/ Baitan, 80 houses, water from wells, occupying all round at these villages, in rich good ground. Country cultivated	
	Collector at Malacca	Adalgam	18	4	110	60	Road tolerable for 5 miles, and white sand hard, with patches of light black ground here and there, but Baitan, a beach of 1/2 mile, and in parts sandy	5 wells, water good and a mile all the year	1 sheep, no place made note	180 houses, occupying ground B, high and good. At 3 = 1 1/2 pass Kardi mounds, 180 yards wide, bad sandy and rocky, huts rather steep. At 4 = 4/ Ayappa mounds, 60 yards wide, sandy bed, easy banks, good water in both till March. At 4 = 4/ Karamore, 80 houses, water from 6 wells, and mounds, till March. Cross a mile with water at 8 = 4, and two others in the end of the stage. Country cultivated, generally open, and slightly undulating	
		Karamore P.	7	3	117	63	Tolerable soil and sand, but in places red or white, hard, and in parts rocky	13 wells	Abundant	2,000 houses, and afterwards a walled town with 100, occupying on good ground on the B side, and all round in cultivated ground. A road branches from this to Pandapoor. At 1 = 1 = 8/ pass Karamore, mounds, with water all the year, easy beds	
		Collector at Malacca	Blackywater Bayampoor	9	7	126	70	At excellent soil, road was cultivated black soil, to Baitan, where it is stony	Tolerable, water from 3 wells, and the Baitan river	30 sheep, supplies of grain, etc.	430 houses, a walled town on the B bank of the Baitan river, occupying on the B side. At 8 = 1 1/2 pass Baitan, 80 houses, on the B bank, a walled town with 800 houses, a Baitan, and 3 shops. Cross the river by an easy 3rd 8 feet deep, 14 8 = 6 1/2, 200 yards from bank to bank, descent steep, sound not difficult, bed sand and mud. The road goes down the bed of the river for some distance, good sand beds have been Country open and cultivated
			Kardie (Maga)	11	0	137	71	Road over black soil, stony and rough to Baitan, but tolerable for carts	10 wells good	3 sheep, supplies of grain and fudge procurable	200 houses. At 1 = 8/ pass a well with water and a temple. At 8 = 2 1/2 Baitan, 70 houses and wells, no supplies. At 8 = 8/ Chavala 8/ left of road. At 8 = 8/ Waghola, 800 houses, 2 shops, numerous wells, close to Kardie cross a sandy mounds. Country open, with cultivation, and slightly undulating
		Carried over			130	81					

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Force Bombay Division	Collector of Kolhapur	Brought over		125 1/2	To Turchi a well-travelled road over a cultivated plain; the remainder made		Woodcut	Towns, 1 st, and mud roads; travellers' baggage, Post and Telegraph offices. At 4 1/2 p.m. small station, 120 houses. At 4 m 41 / 2 Sangole and Turaggaon, on either side of the road, 80 houses on the S bank of the Murna river which is crossed by steel or Army bridge on the main. Dugout very second stage, 2 feet water. On W bank at 5 m 1 / 2 Turchi, 220 houses, 3 shops. At 8 m 3 / 4 Turaggaon temple. At 10 m 54 / 2 Dahanu, 150 houses, 3 shops. At 12 m 41 / 2 across a canal (bridged). At 13 m 1/2 across the railroad. At 15 m, 54 / 2 road to the Native Industry Lines and Post office branches off to the right.
		Kolhapur Fort Gate S P T	13 1/2	53				
		Total		140 7/2				
		13 Mares						

TABLE No 175

FROM KOLAPOOB TO VINGORIA, BY THE PHONDA GHAUT.

GENERAL DIRECTION, SW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Bombay Division, Bangalore	Collector of Kolhapur	Phonda Agent at Phonda, Kolapur to Kolapur Phonda House		51 1/2				Vale Table No 172 Vale Table No 173 Vale Table No 174
		Kolhapur	11 1/2	53				
		Kamal	8 1/2	73				
		Kavali	11 1/2	53				
		Vengurda new houses	14 1/2	53				
		Total		58 1/2				
		8 Mares						

TABLE No 176.

## FROM KOLAPOOR TO VIZIADROOG, BY THE PHONDA GHAUT.

GENERAL DIRECTION, W

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
			Miles. Furlongs	Miles. Furlongs				
Military	Civil							
General Officer Commanding Madras District Madras	Collector at Madhavaherry	From Kolapoore 1 hour's march	16	53 01	Good made road with one bridge or stage	Droogah river	None	<p>File Table No. 180</p> <p>40 houses occupying ground S. on bank of the river. At 1 m. S. of road to Vinayaka houses off to the left. At 5 m. 1/2 Vinayaka 40 houses, 4 wells, wells and a pond, droogahs for the droogahs. At 8 m. S. of a temple. At 10 m. S. of Panduravara 80 houses, water from wells. Country open</p> <p>File Table No. 84 (1)</p>
		Ponduravara	8 0	60 01				
		To Viziadroog	26 74					
		Total		86 54	General road			
		9 Marches						

TABLE No 177

## FROM KURRACHEE TO GWADUR, BY SONMEEANKE AND OORMARA

GENERAL DIRECTION, W

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
			Miles. Furlongs	Miles. Furlongs				
Military	Civil							
General Officer Commanding Madras District Madras	Collector at Kurrachee	Kurrachee. Ocean front to Hobb river	16 8	16 8	Good hard road partly rocky	Abundant & good from a stream and a pond well on the right bank	None grass	<p>No village had a fine well on the Hobb river. At 1 m. S. of the dry study shallow bed of the Kurrachee river. At 3 m. S. of a shallow well of the sea. At 4 m. S. of a well of the river and Ponduravara dry. At 10 m. S. of 18 m. S. of a low rocky ridge of no difficulty. At 16 m. S. of a rocky well, and from thence through the jungle to the Hobb which has a study and probably bed of 400 yards with low, easy banks. The rocky jungle abundant in and near the river.</p>
		Shoolika	14 7	30 1	Tolerable road study and rocky, with some deep ruts in the river	Good, from two or three wells. Ponduravara well and to be had by digging 8 or 10 feet	None	
		General over		30 1				

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Feet	Miles	Feet		
BRASCHERIAN, KEMAS TRANSPORT	Political Agent at Kibit.	Drought over		80	1			and gradually water up. At 8 m. some tanks and a small tank. At 5 m. 7/4 across the sandy bed of the M. orange river with many holes; a bushy well in it, to the left. At 12 m. across the M. orange river and the right bank slope and at 17 m. the left sandy and away between these two, across five deep sandy masses rising from the P. mountains on the right side of them distant. From the M. orange river pass over an undulating sandy landscape and descend by a winding pass to the mouth of the Shadok river, near the sea shore.
		Woods	8	8	86	1		Good road over a level sandy plain with this jungle. Abandoned from two villages. Three holes water, and to be lost by digging 3 or 15 feet.
		Mountains	13	8	80	1		Road for 11 m. as there level & good; then over sandy and rocky hilly ground. Tolerably steep and from water. But all there on level bushy.
		Shade	26	0	73	1		Good but, heavy mud and rain swamp. Abandoned from village. Road of the P. river.
		Clear	13	8	84	1		Tolerably good sandy. Obtainable from a pool; stream in the hot weather.
		Clear over		84	1			It is the best or best of any road here. Low lying Shadok, the road for the first mile runs through thick jungle of several times at road. About 10 m. is further on a few holes are passed and for the next 7 or 8 m. the road has over a narrow and sandy undulating country; it then descends to a level and plain originally a swampy or rainy weather. Though the course of with a stream which is very. It is a stream which is crossed twice in supplied by rain water and there is a deep pool near the undulating ground where the stream crosses. Also some of grass known as Shadok or sea grass and which the horses eat readily in the Shadok here.

Authorities.		Name of Stage.	Distance		Road and Soil	Water	Supplies	REMARKS.	
Ministry	Civil		Stage	Total					
			Miles	Fathoms.					
BILASPUR DISTRICT, KARNATAK TERRITORY	Political Agent at K. Kodli.	Brought over		81	1				
		For	15	0	1	Tolerably good, sandy and rocky	Abundant in the river For	From Chir the road takes a westerly direction and skirts the Bannu Main range for about 18 m. This for the road is over a hard sandy soil. It now takes a westerly course and crosses a low ridge of the above mentioned hills by an easy pass, which although rocky presents no difficulties for gear. At 2 m. beyond the pass lies the river For from which the surrounding ground takes its name. No habitation or dwellings of any sort here. Abundance of good water procurable from deep pool in the bed of the river about a mile below the surrounding ground. The river like most others in this country is solely dependent on rain falling in the higher mountains for water.	
		Hodre	7	0	1	Good, sandy	Sandy and bad	No	The road lies over an open sandy country; surrounding ground at the foot of the above low and hills where there is a well of very brackish water. The Hingay pilgrims generally halt here for the purpose of paying a visit to some most numerous small Bhadracharya's temple which is at a distance of 11 m. and SW of this place. There are 2 wells of brackish water called the Buppal wells about a mile on the other side of these hills from which water can be easily obtained.
		Chota Buppal	12	0	1	Tolerably good, sandy	Scarcely . .	No	From Hodre the road lies over a sandy plain for about 7 m. when a narrow stream of hot lava 1 and with perpendicular banks of about 18 feet is crossed. These banks are, however, of very loose sand, and the narrow stream track could be easily widened. About 3 m. further across the river Chota Buppal and 2 m. beyond this is the Berra Buppal river with 2 wells in its dry bed. Surrounding ground for a distance of nearly 10 m. on the right bank, among rather high hills and dense jungle; no habitations.
		Ajhar	12	0	1	Tolerably good, sandy	Good, in places	Abundant supply of timber, cereals and wood about here	The road lies along the base and at a few hundred yards distance from a low range of hills with walls a quarter of a mile from the surrounding ground. At Ch a point it runs through a chert between two low sandy ridges, and immediately beyond is the hilly ground on the left bank of the river After in which there is always water. A Buppal provides here and has generally a good supply of food and grain, mostly obtained, however, for the wants of the Hingay pilgrims who rest here after visiting the sacred shrine of Hingay which is about 8 m. from this place. There are no other habitations here of any sort.
		Kerwan	10	0	1	Bad, sand and shingle	Abundant river	From Kerwan, wood abundant, Buppal sources	From the surrounding ground on the After the road takes a direct westerly course in the valley of this river which is crossed 11 times; some of them are, however, on a low ridge of hills and with 3 exceptions the banks are perpendicular and necessary to cut a pathway for the cattle to pass. Surrounding ground is a Berra temple on right bank of the river After. No habitation of any sort.
LAKSHMI NAGAR, KARNATAK TERRITORY	Political Agent at Lakshmi Nagar.	Carried over		140	1				

Location		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks			
Military	Civil		Stage	Total							
			Miles	Footage	Miles	Footage					
Assaulted Potholun Against Nakong Chuan at Gumbur											
		Brought over			150	1					
		Markomah	18	0	168	1		Red, sandy and rocky	Good hot source	None wood and large source	Leaving Markomah the road traverses the westerly course and winds along the bed of a mountain torrent empty low on rocky shaped dry hills. The path is in many places very narrow and the bottom of each stream about 100 feet wide and is a very difficult track for mule water from a hollow under a rocky ledge. After a long dry season there is no water to be found here; muzzling ground for a tray in a small hollow between the hills.
		Gumbur	22	0	190	1		Red, rocky	Good, source	Do	The road continues its tortuous course among low hills similar to the previous marks for the first 10 m. when the path opens to a breadth of about half a mile. Water from a hollow under a rocky ledge flows by cutting up ground. Three animal tracks are noted by the natives. No signs of habitation.
		Manogee	38	0	228	1		Considerably good sandy	Do	Do	Directly after leaving Gumbur the road enters the bed of the Manogee river and runs along it the whole way to the muzzling ground, which is on the left bank. The river is dependent on rain for water. The bed of the river abounds in coniferous. Water collected from some small pools in the river bed.
		Orumun	18	0	246	1		Good	Very hot	Obtainable, wood and large source	The road for the first 8 m. low over an open sandy country the river bed was to be avoided. The river is about 300 yds broad with a deep sandy bottom. At least 10 m. broad with one narrow for some miles below 2 m. beyond that the road runs on to the sun above and continues along the bank as far as Orumun. Muzzling ground on the W. side of the village. Orumun contains about 200 men and is a strong holding village. There is a road from Orumun to Nakong, from whence road muzzling, as are brought for shipment to India. There is no shelter of any sort for muzzling within some miles; a source of water is obtained from the summit of the high hills which form the Nakong. The water at Orumun is exceedingly salt, but tolerable water may be obtained from some wells called Chindia, about 5 m. S.W. of the village.
		Shewet	21	0	267	1		Considerably good sandy	Good water from Nakong through the year	None wood and large source	The road runs along the bank for about 7 m. after leaving Orumun, it then takes a north westerly direction over a low sandy country which is broken after heavy rain. At 11 m. an muzzling ground called Nakong is passed on the left side of the road. There is a well at this latter place but no habitation. Nakong is nearly the same as the week before, place on the left bank of the river of the same name, no habitation of any sort.
		Kuphuma	18	0	285	1		Considerably good sandy	Good water from Nakong through the year	None wood and large source	Leaving Nakong the road runs through a thick low jungle skirting the river, which is crossed at about 3 m. The river at this point is not above 10 feet in depth, but the bottom is sandy and the banks steep. After leaving the river it is a small low over an open undulating country studded with low detached rocky ridges. No habitation.
		Carried over			293	1					





TABLE No 178.

## FROM KURRACHEE TO JACOBABAD, BY SUHRAW AND LARKHANA

GENERAL DIRECTION, N

Administration		Name of Stage	Distance				Road and Soil	Water	S. supplies	Remarks
Military	Civil		Stage	Total						
			Miles	Furlongs	Miles	Furlongs				
		Kurrachee Post Office to Bhakro	10 09	10 01						
		Chakra's or Discomba	9 3	17 31						
		Gorian, Malwar River	9 31	27 02						
		Khechaga Larkha	8 1	35 14						1-4 Table No 181 (B)
		Trak	14 23	49 41						
		Dumrah	19 0	68 41						
		Shakharan Dharan sub	18 8	86 49			Good cleared road over hard soil.	Abundant and good from the Kharu river	Do, but small for age	Shakharan and good occupying ground to the W. At 8 m 31 f across the road from Munda Khara Thana to Almad Khara At 18 m 05 f across the Kharu river 80 yards wide bed sandy and heavy
		Khechaga Dharan sub	10 71	96 8			Do.	Do	Do, canal	Shakharan and good occupying ground, seen after leaving Bhakro is a wide 45 yards wide. At 8 m 31 f across another 45 yards wide. At 8 m 1 f across a wide 74 yards wide. At 10 m 8 f across the Kharu river 74 yards wide, bed sandy. The cleared road is 100 yards wide off to the left here, some several small mounds in the stage
		Palikara Dharan sub	8 8	104 0			Do.	Abundant from the Palikara river	Do	Shakharan and good occupying ground At 8 f K Khara River's bank At 3 m 31 f across the Palikara river 100 yards wide At 8 m 71 f across the river to Palikara.
		Malwar Dharan sub	13 8	117 8			Do.	Abundant from the Malwar	Do	Do, abundant and good occupying ground At 8 m 31 f across a wide 45 yards wide At 8 m 31 f across another 45 yards wide
		Chakra's or Discomba	11 05	128 13			Do	Abundant, from the river	Do, canal	Shakharan and good occupying ground upon bed sandy At 8 m 31 f across the Jorung river 378 yards wide, bed sandy At 8 m 31 f across the river At 8 m 31 f the road runs for 107 yards in the bed of the river At 4 m 4 f the Jorung River 61 f long At 8 m 31 f across a wide 45 yards wide of the Jorung and of Malwar river, 81 f wide bed sandy and heavy
		Jamgarah Dharan sub	15 64	143 41			Do	Abundant from the Jamgarah, Larkha wells	Abundant, lower	A large village with lower Police station and a large Shikharan, occupying ground good to the W under a slope of 1000 ft. At 3 m 71 f across a wide 45 yards wide At 8 m 31 f across the Jamgarah river 100 yards wide At 11 m 71 f a Palikara's bed and Malwaran bed ground "The Area" At 18 m 71 f across 20 houses and 8 shops about 81 f At 18 m 21 f road to Phodga branch off to the left
		General over		123 41						



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Authority	Section of Stage	Distance	Road and Soil	Water	Supplies	Remarks
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	
M. M.	C. C.	Miles	Total	Miles	Total	

G+ and O'Connell's bawli is 8 m to Madan &amp; 10 m to Bawli

The old cleared road from Madan to Madan is as follows:-

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Sindh District, Kurrahees. Collector at Kurrahees.		Brought over .....	...	153 1½				
		Khyra Dara.....	7 3¼	160 5	Cleared road, but not kept in repair.	Abundant, from Indus river.	Source, 2 shops.	10 houses; encamping ground NW. At 1 m. 7½ f. Kocay-lo-wahun, 5 houses. At 3 m. 1½ f. Mohocay-lo-wahun, 5 houses. At 3 m. 4½ f. Badhur, 10 houses, 2 shops. At 3 m. 0½ f. Jora and Manoo Kow, 15 houses. At 4 m. 2½ f. Manoo Kow, 15 houses. At 5 m. 7½ f. Baboree, 30 houses, 8 shops. At 6 m. 1½ f. Boodhar, 40 houses, 8 shops. At 7 m. 14 f. Gadhur or Powhur, 9 houses, wood station of the Indus Flotilla.
		Dadoo .....	8 2½	168 7½	Ditto .....	Abundant & good from wells.	Abundant, beaver.	A large village with beaver, Police station, dhurumala, warder's kutcheri, school, Post office, and travellers' bungalow; encamping ground SW. At 5 f. Abco Talib, 25 houses, 1 shop. At 5 m. 1½ f. Noorje, 20 houses, 3 shops. At 2 m. 0½ f. Chaurat, 5 houses. At 4 m. 4½ f. Khachur, 60 houses, 8 shops about 2 f. to the left. At 4 m. 0½ f. cross a canal 12 feet wide with old unfinished bridge, impassable for artillery owing to steep and high banks. At 5 m. ½ f. Khund, 12 houses. At 6 m. ½ f. Ahryo, 100 houses, 0 shops. At 6 m. 4½ f. Khokhur, 8 houses. At 7 m. 1½ f. old road to Shikarpore branches off to the right. At 7 m. 0½ f. a dhurumala.
		Dadoo B.P. ....						

TABLE No. 179.

## FROM KURRAHEE TO COMBID ALLY, ON THE HUBB.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
			Miles. Furlongs.	Miles. Furlongs.				
Military.	Civil.							
General Officer Commanding Sindh District, Kurrahees. Collector at Kurrahees.		Kurrahees Post office to Muggur Poon.	0 12	9 14	Road good and broad, across a level plain, gradually approaching the hills; cross four mounds, including the Lyarce river.	Abundant, from hot springs of sweet water near the tank, under date groves.	3 shops .....	One dhurumala. There is a dhurumala near the tank, which latter is half a mile west of the road. At 2 m. 3 f. cross the Lyarce river. At 3 m. 4½ f. the road makes a sudden bend to the left, and enters the hills through a narrow gap, forming the outlet for a stream of salt water, which crosses bed stony; encamping ground confined by hills on both sides.
		Landee Loharee Lung, on the Hubb.	13 7½	25 11	Road good, broad, and cleared the whole distance; cross 20 nullas; at 8 m. 0 f. cross a salt stream, 100 feet broad, flowing NW., banks clay, bed firm sand.	Abundant, from Hubb river, sandy bed.	None; plenty of camel fodder.	A pack dhurumala on the left bank of the river Hubb; encamping ground open and spacious. For 5 m. the road is through a defile, and crosses several streams; salt firm sand. At 5 m. 4½ f. pass a hill called Nag Chukra, on right; here is a mound or pool of abundant fresh water.
		Carried over.....	...	25 14				

Authentic		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Parangs	Miles	Parangs				
General Officer Commanding British District, Kurnool.	Collector at Kurnool.	Brought over Hahli River	15	04	2	04	Designated and started at 11 a.m. for the Vedala a tributary of the Hahli river, cross 7 miles	Abandoned, from here no water	Resembling ground on the left bank of the Hahli river. At 01/1 cross the river Hahli study bed. At 02 m. Hahli river, 184 yards wide, in a valley between the plain ridges, bed sand and stones, water full. At 03 m. Gate House Roadside about 8/10 to the right 11.2 m. 15/10 across the Three Vedala Waters dry bed 100 feet broad. At 10 m. 4/1 Wardha Kundwa 11.12 m. 3/1 Madhwa Kundwa River. At 12 m. 2/1 Vedala river, 105 yards broad, bed dry, full of stones; above the river Hahli to the resembling ground	
		Kand in Chavala	17	4	19	24	crossed bank through jungle, across 15 yards.	Water from the river had flow- ing all the year round, river flowing in the middle hills and down into the Hahli river	Stone; cross fence along- side	No village crossing but ground on the right bank of the Hahli river. At 09 m. 1/10 to a hill a point where a stream descends from the hills on the left to cross the river part is very difficult for guns the ground being much intersected with rocks and the pathway rugged and narrow for approach of a tank. At 12 m. 1/10 pass the Vedala river dry sandy bed, 100 yards broad. Cross the Kand river to the resembling ground the Kand stream is its southern with 6 m. Hahli to form the boundary between British and Khelak territory
KARNATAK FRONTIER	Political Agent at Khelak.	Lanna, or Lanna	10	41	19	4	Pathway along the bed of the river Lanna water full, river bed sand and stones, small jungle; hills on both sides form- ing a narrow valley.	Water from the head of the Lanna river, which descends from the Mole hills on right hand, it can only be descended when the water has recently fallen to within 10 yards of the mouth.	None	Bed crossing a grassy field, amongst hills on left bank of Lanna river. At the point of cross- ing with the British across 1/10; but the path is not here, but goes on at once to Gandak.
		Omada Ally	16	0			Gravelly through thick jungle; soil black and sandy	Water abundant from the Hahli river	A few grasses, from the slope	Resembling ground on left bank of Hahli river. At 12 m. across the Ghodavari District. At 12 m. 0/1 across the river, the road to Hahli branches off to the left bank. At 14 m. 2/1 across the Hahli river and at 18 m. 4/1 across the Hahli to the village of Omada Ally
		Total			21	4				
		6 Mares								

Note.—This route is much traversed by the Indians between Khelak and Kurnool. The Kand stream and the Mole and Kundwa hills form the boundary between the British and Khelak territories; consequently the first two stages of the above route are beyond British rule.

TABLE No 180

FROM KURRACHIE TO SHIKARPOOR, BY SEHWAN AND LARKHANA.

GENERAL DESCRIPTION, &amp;c

In miles.	Name of Place.	Distance.				Road and Soil.	Water.	Cattle feed.	Remarks.
		From	To	Total					
Miles.	Chrs.	Miles.	Miles.	Miles.					
On the N.W. side of the Indus, to the N. of Sehwan, to the N. of Larkhana.	Kurrachie to Larkhana	12	0	12	Good road, well kept, and	Very bad from Kurrachie to Sehwan	10 sheep		See Table No 178
	Sehwan	12	0	24	Do	Do	Moderate		Good village with plenty of water, and good on camp on ground. At 10 miles from Sehwan.
	Larkhana	12	0	36	Do	Very bad	Very bad		Large town surrounded by a wall with 1,000 yards an circumference with an extensive market. The walls are surrounded by trees, gardens & orchards. Water is abundant. 12 to 15 feet from the surface, and large tracts of the neighbourhood are liable to be flooded by the inundation of the Indus. The road runs past the town from the Indus to Larkhana and is navigable from April to October. Shikarpoor a place of great commercial importance and is the head quarters of the Collector's (irrigation) department. Post and Telegraph office. The old customhouse is in the city of the town.
	The distance from Larkhana to Sehwan is 24 miles.								
	Larkhana to Sehwan	12	0	48	Do	Very bad	Very bad		
	Sehwan to Larkhana	12	0	60	Do	Very bad	Very bad		
	Larkhana to Sehwan	12	0	72	Do	Very bad	Very bad		
	Sehwan to Larkhana	12	0	84	Do	Very bad	Very bad		
	Larkhana to Sehwan	12	0	96	Do	Very bad	Very bad		
	Sehwan to Larkhana	12	0	108	Do	Very bad	Very bad		

TABLE No. 181

## FROM KURRACHEEN TO SUKKUR, BY SEHWAN AND LARKHANA

GENERAL DIMENSION, ETC.

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles.	Fathoms				
General Officer Commanding British District, Kurracheen.		Kurracheen to Larkhano Moira Dera	13 7	231 84	Badly made road, through much cultivation, crosses 10 miles, not including the Ghaz river at Larkhano. One sort of bridge over the latter.	Water from Ghaz river, 60 feet deep, will 5 feet of water and also from the Ghaz river.	Obtainable from 10 shops.	File Table No. 178
		Mahabyn	9 13	247 61	Road dusty, weak and uneven, and light.	Good water, 40 feet deep.	18 shops.	A moderate road village with dargah. At 1 1/2 miles Ghaz river. At 2 1/2 miles Ghaz river, 100 feet broad 10 feet deep sandy bed, bed level. At 3 1/2 miles 3/4 Jafar, a small village with a shop, water from the Ghaz river.
		Jafar	14 6 1/2	271 86	Road through jungle and on right bank of the Indus is with a half a mile of the road most of the stage.	Water from Ghaz river, 60 feet deep, will 5 feet of water and also from the Ghaz river.	Obtainable from 10 shops.	A small town and village having a dargah. At 6 1/2 miles the Ghaz river 100 feet broad 14 feet deep sandy bed, bed level. At 8 1/2 miles 3/4 Dohana, a small village 2 shops 3 wells. At 9 1/2 miles 3/4 Mahabyn 80 houses 8 shops, 1 well. At 10 1/2 miles 1/2 Dohana.
		Mahabyn H F T	11 1	282 74	Road good and free and generally dry, the last half of the stage.	Water from Ghaz river, 60 feet deep, will 5 feet of water and also from the Ghaz river.	Obtainable from 10 shops.	A small town and village having a dargah. At 6 1/2 miles the Ghaz river 100 feet broad 14 feet deep sandy bed, bed level. At 8 1/2 miles 3/4 Dohana, a small village 2 shops 3 wells. At 9 1/2 miles 3/4 Mahabyn 80 houses 8 shops, 1 well. At 10 1/2 miles 1/2 Dohana.
		Total		282 74				
		28 Miles						



TABLE No. 182. (1)

FROM LARKHANA TO DADUR, BY KHYRA GURHEB AND BHAG.

CENTRAL DIVISION, NEW.

Authorities.		Name of Stage.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Miles.	Percentage.				
Military.	Civil.		Miles.	Percentage.				
General Officer Commanding British Division, Kharakher.	Chief Officer at Kharakher.	Larkhan to Bakh Khan Kharan.	18 31	13 31	Road unimproved, but through thick jungle, well light and dry; surface all bridged; a little cultivation about the villages.	From 2 ponds 1 sheep, 1 cow, 100 fowls, sheep, several water.		A small village; encompassing ground K.R. At 4 m. 1/2 pass Buthara, a small village, 1 sheep, 1 water. At 8 m. 1/2 Kharan, a small village, 4 sheep, 2 ponds water. At 8 m. 1/2 cross the Hamirbuck. At 20 m. 1/2 cross the road from Kharan to Rasta Dast. At 18 m. 1/2 Daryalaka, a few huts, and a kharan well.
		Bahadar Bheral	7 0	28 31	Road dirty and sandy; surface all bridged; a little cultivation.	ponds water, 100 fowls, sheep, 1 water.	Scarcely any crops; some from Kharan well.	A small village; encompassing ground in a plain. At 1 m. 1/2 road to Buthara, a small village off to the right. At 8 m. 1/2 Kharan, a small village off to the left. At 8 m. 1/2 road to Daryalaka, a small village off to the right. The large village of Bahadar Khara is about 4 1/2 W. of Bahadar Bheral.
		Khyra Gurhe	17 11	47 3	Road very sandy and heavy; surface all bridged; cultivation in places.	ponds water.	Moderate; 12 sheep.	A moderate sized village and hamlet. At 8 m. 1/2 road to Daryalaka, a small village off to the right. At 8 m. 1/2 Daryalaka, a small village off to the right.
		Tandee	18 0	65 3	Good road, well light and level; surface all bridged; cultivation in places.	10 or 20 small ponds, which require to be cleared and driven for crops.	Moderate; 12 sheep.	A small village. The country is level, and perfectly desert, and the village accordingly deserted in April and May, from failure of water.
Political Agent at Kharakher, Kharakher.	Chief Officer at Kharakher.	Kharakher	18 0	70 3	Dirty	From ponds in the Kharakher river (the road of Kharakher), there are some ponds in the bed.	Scarcely any crops; some from Kharakher well.	A large walled village or town, encompassing ground K.R., much cultivation, and many villages around. Cross a well-known tank, and at 1 m. pass Amra, with several small wells.
		Kharakher to Jala	18 7	84 4	Road on hillside, but path over cultivated country.	Dirty	Scarcely any crops; some from Kharakher well.	Scarcely any crops; some from Kharakher well.
		Ming	20 6	104 3				
		Meyraon or My. shoon.	14 6	118 0				
		Kharakher or Kharakher.	15 3	133 3				
		Dadar	8 0	141 3				
Total.			141 3	141 3				
10 March.								

This Table No. 182. (1)

TABLE No. 182. (2)

## FROM LARKHANA TO DADUR, BY GUNDAYA.

GENERAL DIRECTION, N.E.W.

Authorities.		Names of Stages	Distances.		Road and Soil.	Water.	Supplies.	Remarks.		
			Stages.	Total.						
Military.	Civil.		Miles.	Percentage.						
General Officer Commanding Bhado District, Kharakhar.	Collector of Bhado.	Larkhana Kharakhar, P.	12	11	12	11	Good road, through cultivated fields, all irrigated, including Muzungu with.	Pusha wells, and a tank.	Manikot ...	A town with Collector's bungalow and post-office, police station, &c.; surrounding ground 3/4, many date groves. Pass Bown Ghanda half way.
		Dam Allee ...	12	14	24	25	Good and good in dry weather, through forested jungle.	Pusha wells.	Manikot ...	A village. Pass Bhagwan at 10 m.
		Gale Kharakhar ...	0	4	24	25	An elevated road, over hard and level country, chiefly forest.	Pusha wells, and a tank.	Manikot ...	A village, with a fort on the border of the P. or desert. At 8 m. the ruins of old Bhado. At 9 m. 7/8 of Bhado. A few huts, a well, and a few groves of trees.
Bhado District, Kharakhar.	Collector of Bhado.	Manikot, or Kharakhar ...	23	4	47	49	Good road, over level P. or desert, but not distinctly marked, the road is rocky, several miles on the left, 1/2 m.	Pusha wells, and a tank.	Manikot ...	A large straggling village, on the northern extremity of the desert, surrounded by arid soil and cultivation. A large village, Kharakhar, 3 m. to the left, has abundance of fruit, along water. The P. is liable to inundation from heavy rain; it is capable of cultivation, but from want of water is a barren waste.
		Kharakhar ...	0	7	47	49	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	Small village, with a few groves of trees, in which the wells are situated. The surrounding of the great Bhado range are a short distance to the left on the range, and remain so to Bhado.
		Jail or Jail ...	0	3	47	49	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	A walled town, with open suburbs, and some huts to the north with the same name, with much cultivation around; good surrounding ground 3/4, and 3/4. Country here Bhado. Thickly cultivated with pomegranate trees. Over 12 m. narrow and shallow canal, with bridges, within 8 m. of Jail.
		Pusha ...	12	0	59	61	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	A large village and fort and much cultivation. At 5 m. 4/5 of the Bhado river, 800 yards broad, with bank steep, suitable for cattle. Country level and waste, but bearing marks of former cultivation.
		Manikot ...	12	1	71	73	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	A large walled town on the north bank of the Kharakhar river, the chief place of the District. At 7 m. 5/8 of the Bhado river, 8 m. village, with a canal of good water. Kharakhar, a large town and fort, 3/4 m. N.W. of Bhado, and near the mouth of the Bhado pass leading to Bhado.
		Bhado ...	20	1	91	93	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	
		Bhado ...	23	0	114	116	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	
		Bhado ...	17	0	131	133	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	
		Dadur ...	0	0	131	133	Good road, over level, but water country.	Pusha wells, and a tank.	Manikot ...	
		Total ...			127	84				
		12 Kharakhar.								

Total Table No. 184. (2)

Total Table No. 184. (1)

TABLE No. 183.

## FROM LARKHANA TO JACOBABAD, ALONG THE FRONTIER, BY POST ALLEN AND KHYRA GURHEE.

GENERAL DIRECTION, N.E.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Paras.	Miles.	Paras.		
General Officer Commanding Frontier Division, Rawalpindi.	Civilian.	Larkhana to Dera Iskan.	12	0	Good road, well-bridged.	Good well, 20 fathoms deep, and a little well of good water.	None.	Table No. 183 (7)
		Khyra Gurhee	15	11	Good and firm road, well-bridged.	Good well, 15 fathoms deep, and a little well of good water.	None.	Formerly a large place, now almost deserted. At 1 m. past Khyra Gurhee, a few houses and shops, 8 wells, and a small well. At 1 m. 3/4 road to Ratin Dera branches off to the right.
		Ratin Dera	25	8	Good, through heavy jungle, well-bridged.	Good well, 15 fathoms deep, and a little well of good water.	None.	moderate village and shops. At 7 m. 5/8 past Ratin Dera, a few houses and shops, 8 wells, and a small well at the end of the stage (bridged).
		J. S. S. S.	11	0	Good road, well-bridged.	Good well, 15 fathoms deep, and a little well of good water.	None.	Two small well-bridged villages on the frontier; surrounding ground flat.
		Total	—	—	—	—	—	—
		6 Stages.	—	—	—	—	—	—

TABLE No. 184.

## FROM MALLIGAUM TO AJUNTA.

GENERAL DIRECTION, E.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Paras.	Miles.	Paras.		
General Officer Commanding Frontier Division, Rawalpindi.	Civilian.	Malligaum to Dera Iskan.	12	0	Good road, well-bridged.	Good well, 20 fathoms deep, and a little well of good water.	None.	Table No. 184 (7)
		Khyra Gurhee	15	11	Good and firm road, well-bridged.	Good well, 15 fathoms deep, and a little well of good water.	None.	Formerly a large place, now almost deserted. At 1 m. past Khyra Gurhee, a few houses and shops, 8 wells, and a small well. At 1 m. 3/4 road to Ratin Dera branches off to the right.
		Ratin Dera	25	8	Good, through heavy jungle, well-bridged.	Good well, 15 fathoms deep, and a little well of good water.	None.	moderate village and shops. At 7 m. 5/8 past Ratin Dera, a few houses and shops, 8 wells, and a small well at the end of the stage (bridged).
		J. S. S. S.	11	0	Good road, well-bridged.	Good well, 15 fathoms deep, and a little well of good water.	None.	Two small well-bridged villages on the frontier; surrounding ground flat.
		Total	—	—	—	—	—	—
		6 Stages.	—	—	—	—	—	—

Authorities		Kms. of Stage	Distance		Road and Soil	Water	Supplies	REMARKS
			Stage	Total				
Military	Civil		Miles	Package				
General Officer Commanding Front Division, Poona	Collector at Dhule.	Brought over		40	4			
		Shirgaon P	14	0	54	4	Abundant, from Ghira river	A town of 400 houses on the left bank of the Ghira river, across the Ghira river of about 100 yards. Suburban of 5 m. N. of here at 8 m., and Mahaling of 30 m. The last 40 miles through jungle
		Paikot P	9	0	63	4	On Green the Hira river in river	40 houses. Green Thane river at 3 m. and at 5 m. 4 f. / below, 16+ houses, and at 8 m. Apurva, 30 houses. A fine stream of water in the Hira river. Passage of Thane river rocky. Cross the G. I. P. Rail way near Paikot.
		Wardha	8	0	71	4	Good road, over black soil	Large village. At 4 m. 7 f. / below, water and supplies abundant.
			Santharwa	11	0	82	4	Good, generally good, from the Santharwa river
MAMIA PUNJAB General Officer Commanding Front Division, Poona	Collector at Dhule.	Ajanta	18	8			Country road, across the river and water but some times rocky in the dry weather	A walled town in a rocky state and large bazar, good occupying ground 5 m. a good large Bazar for traders. At 4 m. pass Lajpurgan. At 6 m. 8 f. / pass Dalwadga, a large village. At 10 m. 8 f. / cross the Wargan river a fine stream. Wardha in the dry weather. At 12 m. 8 f. / cross Ajanta ghani. The celebrated cave about 5 m. from the town.
		Total 9 Marches		88	7			

TABLE No 185 (1)

## FROM MALLIGAUM TO AURUNGABAD, BY MUNMAR AND BYZAPOOR.

GENERAL DIVISION, SE

Authorities		Kms. of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
			Stage	Total						
Military	Civil		Miles	Package						
General Officer Commanding Front Division, Poona	Collector at Dhule.	Malligaum to Jalgaon	11	0	11	0		} This Table No. 20		
		Munmar	11	0	22	0				
		Udhwa	9	0	31	0				
					31	0				
		Brought over			31	0				

Wade road for 7 m. and water - scarce -  
On road good soil

A small village. Cross the G. I. P. Railway near Munmar. At 3 m. 8 f. / cross a large Bazar. At 5 m. 14 f. / a Bazar and Paikot in the pass called Udhwa Bazar. At 7 m. 14 f. / leave the main road to Aurungabad and cross to Jal. At 8 m. 0 f. / cross a small Bazar Bazar, and cross a large Bazar to Udhwa.

Authorities.		Names of Stations.	Distances.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Parasangs.	Miles.	Parasangs.		
General Officer Commanding Forces Division.	Collector at Ranchi.	Brought over	1	1	30	30		
		Underwood	10	20	40	1	Good soil and road. Abundant water and the Kailash river.	Abundant, 2500 ft. above the Kailash river.
		Bysenpur	11	7	30	0	Abundant, from wells and the Kailash river.	Abundant, 800 ft. above the Kailash river.
		Lakshmi	17	71	70	71	Abundant, 800 ft. above the Kailash river.	Abundant, 800 ft. above the Kailash river.
		Munimpur	14	24	60	0	Abundant, 800 ft. above the Kailash river.	Abundant, 800 ft. above the Kailash river.
General Officer Commanding Forces Division.	Collector at Ranchi.	Unmanned (under construction).	7	5	—	—	Abundant	Abundant
		Total	—	—	60	0		
		8 March.						



Administration		Name of Stage	Distance		Road and Soil	Water	Supply	Remarks	
Military	Civil		Stage	Total					
			Miles	Yards					
General Officer Commanding Force D.V. main Force		Brought over		21	0				
		Kulwa	11	4	21	0	Good cart road through jungle and open country	See 10 days	150 houses and characteristic country. SW Two houses at 2 m. 14/ at 2 m. 14/ Bunde—small village with wells.
		Alhona or Bala.	7	7 1/2	28	0	Heavy and hilly cart road	Abundant wells and some river	200 houses good country up ground in some grove. Leaving Kulwa across the Bunde river high bank 80 yards broad sandy bed. Pass Maser at 8/ Falls at 2 m. 7/ and Bunde at 5 m. 5/—small village with wells.
		Ghoragha	13	0	41	0	Very bad and stony	From Ghoragha river and a spring	Small hamlet. Pass at 8 1/2 / Bunde 20 houses, and wells. At 3 m. 4 1/2 / Bunde pass river and wells. Cross Ghoragha river at 6 m. 70 yards broad rocky bed and gate. Several small villages. At 8 m. 14/ Bunde, pass at 8 m. 2/ Wadhwa at 11 m. 14/ Jander at 9 m. 14/ Lunge, and at 12 m. 2/ Reception—all small villages with wells.
General Officer Commanding Force D.V. main Force		Collection at Bunde.	8	14	49	0	Terrible but not good for carts	Abundant wells	Small village. At 1 m. 1/ Wadhwa. At 2 m. 14/ Bunde at the top of the Chit. main road. At 4 m. 2/ the descent becomes steeper and continues to Chovla at 5 m. 2/ at the bank. At 7 m. 2/ Tal pass. The descent is divided into two parts with an interval of three miles. It is not steep and might easily be made a good road for carts. Another is dropped up down below by hillside, and empty carts by one pass. Indian carts can descend with ease. At one part there is a sheet of 80 yards or more, crossing the road and large blocks of stone are washed into it every year by the river which are removed by the villagers. Much people on the descent but about half, pass it has been cleared and a good open road.
		Grades	14	5	63	0	Bad but possible for carts	From Kotla river	Small hamlet. At 2 m. pass Reception at 3 m. 2/ Bunde at 5 m. 2/ Ambala at 7 m. 2/ Kulwa at 9 m. Karpur at 11 m. Bunde at 11 m. 8/ Mordher; and at 13 m. 4/ Yalpalal—all small hamlets with wells or springs. Cross the Kotla river 6 times on the march but generally rocky.
		Elwell	11	4 1/2	74	0	Difficult cart road through hilly with thick jungle and bad and rocky	Karpur river	Small hamlet. crossing river river. At 4 m. 9/ pass Bunde at 5 m. 7 1/2 / Bunde at 10 m. 2/ Karpur at 11 m. 8/ Mordher; and at 13 m. 4/ Yalpalal—all small hamlets with river wells, or springs. Cross many falls in this stage.
		Harwar	9	2	83	0	Difficult	Abundant wells	Small town, crossing 80 year river. Cross river leaving Harwar, at 1 m. 2/ at 2 m. 2/ and pass Bunde at 1 m. 2/ Bunde at 11 m. 8/ Mordher; and at 13 m. 4/ Yalpalal—all small hamlets with wells or springs. Cross the Kotla river 6 times on the march but generally rocky.
		Bunde	13	0	96	0	Good cart road for 2 m. the road made and bridged.	Abundant wells and river	Small town, crossing 80 year river. Cross river leaving Harwar, at 1 m. 2/ at 2 m. 2/ and pass Bunde at 1 m. 2/ Bunde at 11 m. 8/ Mordher; and at 13 m. 4/ Yalpalal—all small hamlets with wells or springs. Cross the Kotla river 6 times on the march but generally rocky.
		Total		118	1 1/2				
		10 Karpur							
General Officer Commanding Force D.V. main Force		Collection at Bunde.							
		Grades							
General Officer Commanding Force D.V. main Force		Elwell							
		Harwar							
General Officer Commanding Force D.V. main Force		Bunde							
		Total							
		10 Karpur							

TABLE No 187 (1)  
FROM MALLIGAUM TO CHOPRA, BY DHOOlia.  
GENERAL DIRECTION, SE

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Fathoms					Miles
General Officer Commanding Forces Tharwan Fort.	Collector at Dhoolia.	Collector at Dhoolia.	From Malligaum to	14	0	14	0	Made road bridged	} See Table No. 142.
			Tharwan	0	1	20	4	Ditto	
			Arwa	15	2	23	6	Ditto	
			Dhoolia	10	0	23	6	Desert road	
			Chopra	11	4	34	0	Ditto	} See Table No. 143
			Arwa	10	0	44	0	Ditto	
			Dhoolia	10	0	54	0	Ditto	
			Chopra	15	0	69	0	Ditto	
			Total			77	0		
			7 Miles.						

TABLE No 187 (2)  
FROM MALLIGAUM TO CHOPRA, BY DHURRUNGAUM  
GENERAL DIRECTION, SE

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages						Total	
			Miles	Fathoms					Miles	Fathoms
General Officer Commanding Long Mying Division Force.	Collector at Dhoolia.	From Malligaum to	14	0	14	0	Made road	} Table Table No. 14.		
		Tharwan	11	1	25	1	Desert road			
		Arwa	8	9	33	0	Ditto			
		Dhoolia	15	0	48	0	Ditto			
								Abundant well.	From Arwa, well, nearly near to the Arwa.	
		Dhurrungaum	14	0	62	0	Country and track	Abundant	Abundant	
		Arwa	0	4	71	4	Ditto	Ditto river	Expensive	
		Chopra	0	0			Desert road	Salt.	Abundant	
						80	4			
			Total							
			7 Miles							



TABLE No. 188.

FROM MALLIGAUM TO KOOKURMOONDA, ON THE TAPTEE.

GENERAL DIRECTION, NSW.

Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.	Names of Stages.		Stage.	Total.					
		Miles.	Furlongs.	Miles.	Furlongs.					
General Officer Commanding Poona Division, Poona.										
	Collector at Nasik.	Mahgaum to Kur- run) gawhan.	10	0	10	0	Tolerable cart road in dry weather, through black soil, occasion- ally combined by thick jungle.	Wells .....	None .....	A small village; pass Dyans, Wargauze, and Londana.
		Gatra .....	10	0	20	0	Ditto .....	Tank, nulls and wells.	Abundant ...	A town and hill fort; pass Dabdee at 4 m. and cross the Boree river to Teengroot 6 m. The fort is on a high rock, and has a well built strong wall entrance by a winding path and steps and well protected by towers. The town is close under the north side of the hill, and surrounded by a mud wall and towers.
	Collector at Dhoolia.	Chowgaum .....	10	0	30	0	Ditto .....	Nulls .....	None .....	Pass by Nagaurao, a deserted village.
		Sirdhan .....	10	5	40	5	Ditto .....	Walls .....	None .....	At 6 m. pass Naor, on the S. bank of the Panjra river, a large place with supplies, and branch Post office.
		Doomna .....	15	8	55	3	Ditto .....	Boreal river .....	Procureable, a market.	A market village on the S. bank of the Boree river; pass Hattoe, Obwaroo, a small village on the Pan river; and Bingoo (deserted); thick jungle on this stage.
		Rannala .....	14	0	70	3	Ditto .....	Nulls .....	Ditto .....	A large village; pass Saltana, on the Amru waice river.
		P. Khadoobur .....	10	7	81	2	Oleated fair weather cart road.	.....	.....	} See Table No. 138.
		K. ....	19	54	.....	.....	Good road as above ...	.....	.....	
	General.	Total .....	.....	.....	86	11	.....	.....	.....	.....
General Station, A.I.										
General Officer Commanding Poona Division, Poona.										
Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.	Names of Stages.		Stage.	Total.					
		Miles.	Furlongs.	Miles.	Furlongs.					
	Collector at Nasik.	Mahgaum Cantonment to Dubee- wahel.	13	0	13	0	Made road to Dhurna- gaum; remainder country cart-road, red soil.	Good from a nulla and well.	Nothing but grass.	Encamping ground high and open. Pass Durganna at 4 m. & f. and Salma at 0 m. & f.
		Pilkharo .....	11	0	22	0	Country cart-road .....	From river .....	Scanty .....	A large village on the right bank of the Girna river. At 5 m. pass Chinsogwhan; crosses the river to Pilkharo.
		Mohocnars .....	10	4	32	4	Ditto .....	Ditto .....	3 shops, bazaar.	A large village on left bank of the Girna river. Pass Pimpolewar Mhalam at 4 m.; Ombor- khain at 5 m. & f.; crosses the made road from Dhoolia to Chalceagaum at Mohoon- bars.
		Behal .....	7	0	40	4	Road generally good, and red.	Girna river .....	Abundant ...	A large village on the left bank of the Girna river. At 4 m. & f. pass Janda, on the Girna. The passage of the river at the above village is gravelly.
		Carried over .....	.....	.....	40	4	.....	.....	.....	.....
General Officer Commanding Poona Division, Poona.										



Attribution		Name of Stage.	Mileage.		Road and Soil.	Water.	Supply.	Remarks.	
			Stage.	Total.					
			Miles.	Furlongs.					Miles.
Military.	Civil.								
General Office Commanding Northern Division, Ahsenahel.	Political Agent Nara Kaula, at Baruch.	Brought over.....	7	11	121	4			
		Dyal.....	0	4	101	0	None track, well black. Walls	None	8 holes, circumference 4 ft. At 2 m. 4 ft. f. Outer wall (detached) At 6 m. 2 ft. f. Phagnon, 11 hole 4 ft. in dia. At 6 m. 4 ft. cross the Kurra river 272 yards wide, bed muddy, unsuitable in the rainy country hills and jungle.
		Harappa.....	11	0	"	"	None	10 holes and a Rajp's palace on the slope of a hill, commanding ground E. At 7 m. 3 ft. f. Khawo Detour on the W. bank of the Kurra river, 10 hrs. At 8 m. cross the Kurra river, 100 yards wide, bed stony, unsuitable in the rains. At 9 m. 4 ft. f. Khawo Detour, 8 hrs. At 9 m. 4 ft. f. Bala, 12 hrs. At 10 m. 5 ft. cross the Mandree river, 20 yards wide, bed stony, to Bhawar, 18 hrs. country hills and jungle.	
		Total.....	"	"	172	8			
		16 Marham.							

TABLE No. 191.

FROM MALLIGAUM TO SURAT, BY THE KONDABAREE GHAT.

**GENERAL DISCUSSION**

Authority.		Name of Station.	Distances.		Road and Rail.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Frontier Division, Poona.	Collector of Nasik.	From Maligaon to Warananagar and Khambhoda.	11	4	11	4		} Vide Table No. 17.
	Collector of Nasik.	Alibaba	17	8	28	12		
		Kanhera Malgaon	9	0	28	3		
		Dhaval	11	8	39	0		
		Chavand	17	9	56	0		
		Nandgaon	11	4	67	0		
	General Officer Commanding Frontier Division, Ahmednagar.	Collector of Berar.	Wardha	18	8	85	8	
Collector of Berar.		Dahanu	11	1	96	9		
Collector of Berar.		Bardoloi	11	8	107	8		
Collector of Berar.		Kandol	10	8	117	1		
Collector of Berar.		Harad	12	11	129	2		
Collector of Berar.		Harad	12	11	141	7		
Collector of Berar.		Harad	12	11	153	2		
Total.			147	0				
12 Marches.								

Country not road, rail, or telegraphed.

regions of Malabar, Malabar, and Malabar. Good example of ground and rail of the town near the Railway Station. Travellers baggage, dharmasala, and other travellers' offices. Head Quarters of the Collector's office. At 24 p.m. Warden, 6 m. At 2 p.m. J. J. Untrams, 100 m. At 1 p.m. and a dharmasala. At 4 p.m. J. J. Koombar, 100 m. At 6 p.m. J. J. Koombar, 100 m. At 8 p.m. J. J. Koombar, 100 m. At 10 p.m. J. J. Koombar, 100 m. At 12 p.m. J. J. Koombar, 100 m. At 2 p.m. J. J. Koombar, 100 m. At 4 p.m. J. J. Koombar, 100 m. At 6 p.m. J. J. Koombar, 100 m. At 8 p.m. J. J. Koombar, 100 m. At 10 p.m. J. J. Koombar, 100 m. At 12 p.m. J. J. Koombar, 100 m. At 2 p.m. J. J. Koombar, 100 m. At 4 p.m. J. J. Koombar, 100 m. At 6 p.m. J. J. Koombar, 100 m. At 8 p.m. J. J. Koombar, 100 m. At 10 p.m. J. J. Koombar, 100 m. At 12 p.m. J. J. Koombar, 100 m. At 2 p.m. J. J. Koombar, 100 m. At 4 p.m. J. J. Koombar, 100 m. At 6 p.m. J. J. Koombar, 100 m. At 8 p.m. J. J. Koombar, 100 m. At 10 p.m. J. J. 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Authorities.		Distances.				Road and Soil.	Water.	Supplies.	REMARKS.	
		Names of Stages.		Stage.	Total.					
Military.	Civil.			Miles.	Furlongs.					
General Officer Commanding Mysore Division, Bangalore.	Agent to the Governor-General for Central India, at Indore.	Brought over.....	...	...	106	4				
		Bloum .....	18	0	127	2	Made road .....	Abundant, from Ajar river.	Abundant, but not once a week.	Small town; encamping ground good near the bungalow. At 4 m. Damarla. At 11 m. 2 f. cross the Doodla, 60 yards wide, banks easy. At 15 m. O. f. Kuchmaria. Cross the Ajar, 50 yards wide, banks low to Bloum. Country level and jungly.
		Right bank of Ghora-pacher River.	12	0	139	3	Ditto .....	Abundant .....	None .....	Supplies procurable from Chachown, 10 miles N, or from Bloum; country undulating and partially cultivated.
		Boonaganm .....	10	0	149	3	Ditto .....		Procureable from Chachown, 3½ m. W.	A small village, country well cultivated.
		Left bank of Parbutty river.	12	0	162	2	Ditto .....	Abundant .....	Procureable from Koom-raj.	
		Right bank of Chowpat river.	13	4	175	0	Good made road .....	Ditto .....	Procureable.	
		Gooma .....	12	2	183	0	Ditto .....	Ditto .....	Abundant .....	A small cantonment.
		B. P. T. Bhadowra .....	11	0	199	0	Ditto .....	Ditto .....	Procureable after due notice.	A small village. At 6 m. O. f. Bonga. At 10 m. O. f. Tarowia. Country hilly with partial cultivation.
		Kajore .....	8	0	208	4	Ditto .....	Ditto .....	Must be collected.	A middling village; encamping ground confined. Country as above.
		Budurn .....	8	0	216	4	Ditto .....	Ditto .....	Procureable after due notice.	A small village. At 4 f. Smockharoo. At 6 m. Somalia. Country, undulating and covered with jungle.
		Lookwoon .....	9	0	225	4	Ditto .....	Ditto .....	Do. ....	A village. Country as above.
		Kolar .....	8	0	233	4	Ditto .....	Ditto .....	Abundant .....	A small town; encamping ground shady. Country as above.
		Seepree .....	14	5	248	1	Ditto .....	Ditto .....	Do. ....	A small cantonment; encamping ground to the N. Seepree was formerly a considerable town.
		Suttawura .....	10	5	258	6	Ditto .....	Ditto .....	Must be collected.	A small village. At 2 m. 5 f. Nownoo. At 6 m. 5 f. Munroo. Country open and undulating, heavy jungle for 8 miles.
		Uthopora .....	13	4	272	2	Ditto .....	Ditto .....	Scarce .....	A small village. At 2 m. 4 f. Kankur. At 4 m. 4 f. second the Gara ghaut. At 8 m. 4 f. pass a dak bungalow. At 10 m. 4 f. end of descent of the ghaut.
		Mahona .....	10	7	283	1	Ditto .....	Ditto .....	Plentiful .....	A large walled village 1 mile to the N. of the Parbutty river; encamping ground on the bank of the river. At 1 m. 7 f. Nangoon. At 4 m. 7 f. Balawura. At 7 m. 7 f. Kuratim. At 10 m. cross the Parbutty (bridged).
		Behut .....	7	1	290	2	Ditto .....	Ditto .....	Must be collected.	A small village. Country jungly and stony.
		Guttivala .....	8	7	298	1	Ditto .....	Ditto .....	Procureable after due notice.	A small village; encamping ground good. At 7 f. Daim. At 9 m. 6 f. Sirda. Country jungly and stony.
		Nyngoon .....	10	1	308	2	Ditto .....	Ditto .....	Do. ....	A village; encamping ground good. At 7 f. Sojurna. At 6 m. 5 f. Panim. Country marked by bold rocky low hills.
Gwallor Residency. F. T.	13	4	322	0	Ditto .....	Ditto .....	Abundant .....	Encamping ground opposite to the Residency. The church in the cantonment of Morar is distant 7½ miles N.E. At 9 m. 6 f. the road to Jhanv branches off to the right. From this point Morar is 5½ m. At 10 m. 4 f. the		
		Carried over.....	...	...	322	0				

[illegible]

TABLE No. 193. (1)

## FROM MHOW TO AUGUR, BY INDORE AND SHAHJEHANPOOR.

GENERAL DIRECTION, NNE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow.  Agent to the Governor-General for Central India, at Indore.		From Mhow to Shahjehanpoor.	...	73 4	.....	.....	.....	vide Table No. 192.
		Doopara .....	10 0	83 4	Country cart road, well black.	Tanks and wells.	Procureable, a small bazar.	A large walled village about 4 f. to the left; encompassing ground E. At 1 m. 3 f. cross the Teelur river, bed muddy, banks low, delay of some hours after heavy rain. At 3 m. 7 1/2 f. Byra, 60 houses. At 6 m. 2 1/2 f. cross the Lukondur river, 200 yards wide, bed stony, banks easy, fordable 4 or 5 days after heavy rain.
		Kannur .....	10 0	93 4	Do.	Abundant, from wells.	A small bazar, weekly market on Mondays.	A large village with a dhurumala; encompassing ground W. At 4 m. 7 1/2 f. Chauramun, 100 houses. At 7 m. 4 f. cross the Teelur river, bed stony, banks easy, fordable a day after heavy rain.
		Augur Cantonment, P.	11 2	...	Do.	Abundant	Abundant	A large town enclosed by a stone wall with circular bastions standing on a narrow strip of high ground between a large lake on the south and a deep ravine on the north. The cantonment is to the north of the town. At 8 m. 6 f. Rajakhare, 25 houses. At 6 m. 4 f. Palra, 100 houses, 1 shop. At 7 m. 2 f. Koodla, 25 houses. At 8 m. 4 f. Parokhera, 80 houses. At 9 m. an easy ascent. At 10 m. 2 f., an easy descent. Country hilly and jungly, with cultivation near the villages.
		Total .....	...	108 0				
		9 Marches.						

TABLE No. 193. (2)

## FROM MHOW TO AUGUR, BY INDORE AND Oojein.

GENERAL DIRECTION, NNE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow.  Agent to the Governor-General for Central India, at Indore.		Mhow Cantonment, Church to Indore, R. P. T.	13 0	13 0	Soil black, good made road (bridged).	Abundant	Abundant	vide Table No. 192.
		Solaninda .....	11 0	23 4	Soil black mould; good in dry weather, but bed in the rains, from the soft, adhesive nature of the soil; in some parts dangerous for guns, in consequence of deep ravines running into the road.	Wells and wells	shops; and supplies from surrounding villages.	100 houses. At 4 m. Nurnari; at 5 m. 4 f. Barnasilla; at 8 m. Alavara; at 9 m. 6 f. Jagandee; at 11 m. 6 f. Baroda—all small villages. Country slightly undulating, and rising into a low ridge that intersects the road at 8 m. from Indore.
		Carried over.....	...	25 4				

Authority		Name of River	Distance		Road and Soil	Water	Supplies	REMARKS		
H. Hary	Carl		Miles	Total						
			Miles	Percentage						
General Officer Commanding Khair Division, Khair		Agent to the Governor General for Central India at Indore.	Brought over	31	4					
			Tupla	18	2	Bad black mud; good in dry weather, but bad in 12 a year from the soil, and even on top of the soil; the soil is very dry and hard for carts in winter; a mass of deep ridges running into the road.	From hand	From	From	
			11	0	Country level, soil black mud, road good, some of the first class of the road, which is the best in the country.	From hand	From	From		
			18	4	Pretty good, excepting from rain at the rate of, where it is not up by the rain every year.	From hand	From	From		
			11	2	Good good, some of the first class of the road, which is the best in the country.	From hand	From	From		
			7	0	Good good, some of the first class of the road, which is the best in the country.	From hand	From	From		
			18	0	Good good, some of the first class of the road, which is the best in the country.	From hand	From	From		
			21	0						
			8	0						



TABLE No 193 (3)

FROM MHOW TO AUGUR, BY INDORE, DEWAS, AND OORJIN.

GENERAL DIRECTION N.W.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
			Miles Postage	Miles Postage				
Military	Civil							
General Officer Commanding Mhow Division Mhow	Agent to the Government General for Central India at Indore	From Mhow to Dewas		88	6			vide Table No. 192.
		Harward or Nivara	11	7	48	3	Made road	A large village 200 houses and 4000 surrounding ground to the N. of the Indrapur banglow. At 8 m. Mhow 5 houses. At 8 m. 4/2 a. above. At 8 m. cross the Kharas mulla to Bagwada 75 houses, 3 shops and a small dhokhanna. At 8 m. 3/2 Palkhanna 100 houses 3 shops, country open and not forested.
		Ooyan N. W. Gate	11	6	80	3	Ditto	A well set city 60 miles in circumference on the right river surrounding ground on left bank of river to W. of city across a large mulla near Mhow. At 4 m. Dewas 100 houses, 3 shops and across a large mulla 20 yards wide, but muddy banks very fordable a few houses after heavy rain to Mhow. 60 houses, 3 shops. At 8 m. 5/2 Chavdaga 60 houses. At 11 m. 1/2 end gate of Ooyan.
		To Augur	41	6			Abandoned	vide Table No. 193 (3)
		Total		101	7			
		9 March						

TABLE No 193. (4)

FROM MHOW TO AUGUR, BY INDORE, OORJIN, AND MEHIDPOOR.

GENERAL DIRECTION N.W.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
			Miles Postage	Miles Postage				
Military	Civil							
General Officer Commanding Mhow Division Mhow	Agent to the Government General for Central India at Indore	From Mhow to Dewas	48	6	48	4		vide Table No. 192. (3)
		Kalobara	11	0	60	4		vide Table No. 193 (3)
		Mahadgaon	13	4	73	0		
		Koodhara	13	0	86	0		
					86	0		
		Corrad area			86	0		

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Mysore Division, Mysore	Agent to the Government General for Central India at Bangalore	Brought over		66 31				broken but ready at 2 miles. At 17 m. 1/2 Novilurra 25 houses. At 18 m. 3/4 Mysore 20 houses. At 19 m. 1/2 Kuvana, 10 houses. At 21 m. 1/2 Pannara 15 houses. Country open and slightly undulating in parts.
		Upper Chintamani	18 35		Wet weather and road which is partly mud.	Abundant	Abundant	A large tree and a streamlet. At 1 m. 3/4 cross the Kuvana river. 300 yards wide, banks high but steep, fordable in December.
								At 3 m. 3/4 there is a well. At 4 m. 1/4 P place a large village with house and over a well 80 yards wide. Banks high but ready. At 8 m. cross a well 10 yards wide, but ready. At 9 m. 3/4 Burpura 2 houses. At 10 m. 3/4 across a well 20 yards wide to a streamlet. At 11 m. 1/2 Dev Durgam has elsewhere on a hill to the left.
		Total 6 Miles		102 34				At 12 m. 3/4 another streamlet on a hill to the right. Country open and cultivated for the first 2 m., then undulating and hilly.

TABLE No 194

## FROM MHOW TO HOSHUNGABAD.

## GENERAL DIRECTION N

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Fathoms				
General Officer Commanding Mysore Division, Mysore	Agent to the Government General for Central India at Bangalore	From Mhow Cantonment through to Tilleen	18 64	18 64	For the first 4 miles the track track runs over black and (thence) over gravelly soil.	Wells and wells	25 steps	No 1 once, across the ground to the west of village. At 1 m. 3/4 Chintamani 10 houses, good made road to this from Mhow Cantonment. At 8 m. 3/4 a tank on the left of road. At 10 m. 1/2 Burpura about 11/2 to 2 m. left of road 18 houses. At 12 m. 6/4 Chintamani, 50 houses, and a well.
		Chintamani	15 74	29 6	Black	Track and wells	15 steps	105 houses, a cultivated landscape, manuring ground to the left, some travellers' bungalow. At 8 m. 1/4 Monda 150 more and one well. At 4 m. 3/4 Burpura, 25 houses and a well. At 8 m. 3/4 Kuvana 25 houses, 2 steps and 1 tank. At 9 m. 1/2 Dev's 75 houses, 1 well and Burpura river. At 12 m. 3/4 Office 75 houses, 1 well and a tank. At 14 m. 3/4 Alkappa 20 houses under first 3 wells.
		Holia Panna	9 1	38 7	Wet weather and road partly black and	Wells and wells	Abundant steps	7500 houses surrounding ground to the N of village. At 1 m. 3/4 cross a low range of hills by a very good track low jungle on the right. At 1 m. 3/4 Kuvana about 8/10 to the right. At 10 m. 1/2 lower 5 steps, 5 wells and a tank. At 3 m. 3/4 cross Kuvana well, high in the bed nearly all rocky, 40 yards wide. At 2 m. 1/2 cross a large well, high banks but ready, 80 yards wide.
		Overall over		66 31				

Authorities		Name of Stage	Distances				Road and Soil.	Water	Supplies	Remarks	
Military	Civil		Stage		Total						
			Miles	Furlongs	Miles	Furlongs					
General Officer Commanding Mysore Division, Mysore		Agriote to the Government General for Control in the, at 12 three	Brought over			33	f				
			Unbacked	0	1	33	f	Road good, soil black	Hills and walls	10 shops	1,000 houses; ground high, open, and extensive. Pass Gouras at 1 m. 8 f. Panchsowry at 2 m. 4 f., Ballamerry at 4 m. 7 f. Kalar at 7 m. 3 f.
			Baywan	10	7	20	f	Road good, soil black partly washed away hills, and covered with jungle	Do.	Proscribable	800 houses on very plain towards the end of the stage. Pass Bagam houses at 4 m. 1 f. at 8 m. 1 f. Panchsowry
			Kannada	13	8	73	f	Road good, very jagged all the way	Do.	20 shops	800 houses on very plain, high, dry, and good, end of village country covered with low jungle, with patches of cultivation. Pass Kallappa at 1 m. 2 f. Lingsh Chavara at 7 m. 8 f., at 10 m. Hingachanna.
			Chandavanna	8	7	61	f	Good road, soil black	Do.	1 shops	1,500 houses ground high and soil extensive. Pass Kannada at 5 m. 8 f.
			Jayagum	0	1	60	f	Road good	Abundant	Abundant	A town At 3 m. 6 f. Nannalunda At 4 m. 1 f. Kallappa At 7 m. 3 f. Panchsowry At 7 m. 8 f. road to Hingachanna off to the left.
			Gopalpur	7	4	67	f	Do.	Do.	Do.	A town At 2 m. 4 f. Dwar
			Bali	10	0	118	f	Do.	Do.	Proscribable	A good road village. At 6 m. Kallappa At 3 m. 8 f. Jayagum. At 12 m. 2 f. Kannada road to Chavara river, and 2 miles.
			Shatti	10	8	128	f	Do.	Do.	Abundant	A town At 1 m. 8 f. Kallappa At 4 m. 8 f. Kallappa At 6 m. 1 f. Chavara At 8 m. 1 f. Chavara. Cross the Koller and Umta by railroad bridge.
			Chavara	7	0	135	f	Do.	Hills and walls	Proscribable	A small village At 8 m. Kallappa At 12 m. 0 f. Kannada. Cross several miles in this creek.
			Hoodan	11	0	146	f	Do.	Abundant, from river	Proscribable	A small village on the right bank of the Koller river.
General Officer Commanding Mysore Division, Mysore		Civil	Unbacked Balli	1	7			Do.	Abundant	Abundant	A town and military establishment on the right bank of the Koller river which is here about 800 yards wide and crossed by a ferry.
			Total			146	2				
			14 Murban.								

TABLE No 195

## FROM MEHOW TO KAMPTEE, BY BAITOOL

OFFICIAL DESCRIPTION, &amp;c.

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	REMARKS	
			Stage	Total					
Ministry	Ordn.		Miles	Perchages	Miles	Perchages			
Chief Commissioner, Nagpore Division at Nagpore	Chief Commissioner, Nagpore Division at Nagpore	Meow to Chander vans.			81			File Table No 181	
		Chanderpore	7	2	88	7	Gas road, black and	Tree a tank	800 houses. Ground high and dry. Country jungly and steep to Chanderpore (thence estimated). From Chanderpore at 3 m. 8 / At 4 m. 1 / Kargan.
		Meow to P.	7	0	94	7	Gravel	Tree a tank	A large town on the left bank of the river. The river is fordable from December to June, and there are ferry boats on the river. Meow to P. at 4 m. 3 / Chanderpore. At 8 m. Meow to P. at 8 m. 2 / right bank of the river. In which town is Meow about 8 / Meow.
		Meow to P. T.	13	0	107	7	Good road, black soil. 7 m. left with 4 m. of H. R. road. Meow to P. in open and cultivated.	Gravel	Large town. At 4 m. 8 / Kargan. At 7 m. Chanderpore. At 8 m. 8 / Chanderpore. At 10 m. 1 / Chanderpore. Country flat, open and cultivated.
		Meow to P. T. S.	9	4	116	8	Good road, soil white.	Gravel	Large place and hill. At 3 m. 4 / Kargan. At 6 m. 1 / Chanderpore.
		Meow to P. T. S.	18	8	124	1	Good road, soil black.	Tree, wells and	120 houses. At 2 m. 1 / Chanderpore. At 4 m. 1 / Chanderpore. At 5 m. 8 / Chanderpore. At 6 m. 5 / Chanderpore.
		Meow to P. T. S.	10	1	134	8	Good road for carts, but rough.	Water from wells, Meow	80 houses. At 7 m. 6 / from Kargan.
		Meow to P. T. S.	11	8	145	6	Good road, country hilly and jungly.	Tree, wells and	80 houses. Country hilly and jungly. At 8 m. 5 / from Kargan. At 9 m. 8 / Chanderpore. At 10 m. 1 / Chanderpore.
		Meow to P. T. S.	14	6	159	2	Good road, country hilly and jungly.	Tree, wells and	400 houses. Country cultivated and jungly. At 8 m. 8 / Chanderpore. At 9 m. 1 / Chanderpore. At 11 m. 4 / Chanderpore. One a small place near Chanderpore.
		Meow to P. T. S.	8	4	167	7	Good road, road good.	Meow, river	200 houses. Ground near the river. Country cultivated and jungly. At 1 m. 8 / Kargan. At 2 m. 4 / Chanderpore. At 3 m. 8 / Chanderpore. One a small place near Chanderpore.
		Meow to P. T. S.	0	7	167	8	Good road all the way.	Tree, the river, Meow.	A good small place, a detachment station. The station is at Chanderpore. Ground high and dry. Country flat, open and cultivated. At 2 m. 4 / Chanderpore. At 4 m. 8 / Chanderpore. At 6 m. 8 / Chanderpore. At 8 m. 8 / Chanderpore. At 10 m. 8 / Chanderpore.
		Meow to P. T. S.	8	3	175	1	Good road, road good.	Meow, the river, Meow.	80 houses. Ground good but rough. At 1 m. 8 / Kargan. At 4 m. Chanderpore. One a small place near Chanderpore.
		Meow to P. T. S.	13	2	188	2	Good road, road good.	Meow, the river, Meow.	400 houses. Ground high and dry. Country cultivated and jungly. At 8 m. 8 / Chanderpore. At 9 m. 1 / Chanderpore. At 11 m. 4 / Chanderpore. One a small place near Chanderpore.
		Meow to P. T. S.			188	8			

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
			Miles.	Parangs.				
Military.	Civil.							
Chief Commissioner, Central Province, at Kandy.		Brought over	—	251	2			
		Moodya	11	2	212	5	Good track and for carts.	Large tank and wells, water good, and close.
		Chikula Chawior	8	3	221	0	Red soil	Good and abundant
		Tropang	9	3	230	3	Good story where crosses the hills, else where good.	Good, from Jani river.
		Koonoo	13	3	243	6	Good in dry season	From and good from running streams.
		Chikula	7	5	250	3	Story and watching the jungle led-ward by (left); water all fertile.	Water good, and from stream.
		Oonoo	10	5	260	6	Good	Abundant, from river.
		Baranapoor	13	6	273	3	Road good, and black.	From river
		Koonoo	11	7	284	3	White	From Koonoo river.
		Koonoo Main Camp, P.T.	7	1	—	—	White	Abundant
		Total	—	—	293	3		
		25 Marches.						

Note.—The road from Oonoo to Belial passes through heavy jungle and is considered to be very unhealthy in November.

From Belial continuation at Daboo to Moodya by the new road as follows:—

Intermediate 7 m., Sewarda 10 m., Moodya 18 m.—total 35 miles.

TABLE No 193.

## FROM MHOW TO KHUNDWA, BY THE SIMROLE GHAUT.

GENERAL DIRECTION, N.E.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	Perches, &c.	Miles	Perches, &c.				
General Officer Commanding Mhow Division, Mhow.	Agent to the Government of Central India, at Mhow.	Mhow to junction of the Indore and Nagpur railways.	10	0	10	0	Made road	Abundant	Abundant	vide Table No. 40
		Balwara	12	8	22	8				vide Table No. 42
		Burna	10	4	32	7				
		Samratnagar	0	7½	40	8½				
		Dorwa	11	8½	51	2½				
		Dangpur	0	2	51	1½				
		Khundwa Station S.P.L.	14	8	75	2½				
		Total			75	1½				A town, Railway station, Telegraph and Post office travellers' bungalow, a large house for 200 men, 100 houses for troops to the north of town, Government dispensary for poultry.
		1 March								
		Chief Quarter-master General, Government, Hyderabad Division, Hyderabad.	Agent to the Government of Central India, at Mhow.							

TABLE No. 197

## FROM MHOW TO MUNDLAISIE, BY THE JAM GHAUT.

GENERAL DIRECTION, S.

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stage		Total						
			Miles	Perchages	Miles	Perchages					
General Officer Commanding Mhow Division, Mhow.	Agent to the Government of Central India, at Mhow.	Mhow to Chikla Jua R	12	4	12	4	Good cart track; open dry open; well watered	3 wells and a tank	3 shops	30 houses and travellers' bungalow. At 1 m. S. of Bhopalpur, 12 houses, 3 wells and 3 shops. Cross several small rivers by stone bridges.	
		Mundlaia R	27	0			Good cart track; after descending along the country is open	Chikla Jua river and numerous wells	1 bungalow	A populous town with a small well built fort on the right bank of the Chikla Jua river situated on a plain for encamping b.R. At 8 1/2 m. from Jua (not good made road). At F at 2 1/2 p.m. distance, 12 hours, 2 days. Cross several small rivers and 1 side by side villages	
		Total			27	4					
		2 March									

TABLE No. 198. (1)

## FROM MHOW TO NEEMUCH, BY RUTLAM AND MUNDESORE.

GENERAL DIRECTION, N.W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stago.	Total.				
Military.	Civil.		Miles.	Furlongs.				
		Mhow Cantonment Church to Akolia.	7	4	Made road, country covered with low jungle.	1 wells .....	5 shops .....	75 houses and inspection bungalow, encamping ground to the E. of the village. At 1 m. 2½ f. cross the Gumber river (bridged). At 2 m. 1 f. pass Koombars' huts. At 2 m. 3½ f. Gulkwaroo Chowree, 20 houses. The village of Mhow is 4 furlongs to the right. At 4 m. Bhotakheroo on the right. At 4 m. 7 f. Banjaroo on the left and Barwadoo on the right. At 6 m. 4 f. Pootumpoor, 30 houses, 1 shop.
		Oopree and Daroo ..	10	1½	Made road .....	Chambal river ..	None .....	3 houses and inspection bungalow; encamping ground on the left bank of the Chambal river. At 0 f. pass Burdian on the right and Jamodee on the left. At 3 m. 5 f. a short descent of 50 yards. At 5 m. 8 f. Bagdoon, 2½ f. on the right. At 6 m. 1 f. Mandindia or Mandia 2 f. on the right. At 7 m. 5½ f. Motwar 2 f. on the right. At 8 m. 6½ f. Ghata Bhole 1½ f. on the left and on the right bank of the Chambal.
		Sadulpore .....	9	3½	Made road, country open.	Bagurdeo river and wells.	3 shops .....	100 houses and an inspection bungalow on the right bank of the Bagurdeo river; encamping ground to the E. of the village. At 1 m. 7½ f. pass Pankheroo. At 4 m. 1½ f. cross Mohinee river (bridged). At 5 m. 0 f. Buggur, 2½ f. on the right.
		Kagda .....	9	4	Iditto .....	Chambal river ..	A small bazaar, weekly market on Mondays.	300 houses, half a mile on the left; a temporary inspection bungalow; encamping ground to the N.E. of the village. At 4 f. cross the Bagurdeo river (bridged), and pass Joowada on the right. At 1 m. Sangalsura. At 2 m. 0 f. Antra, 5½ f. on the left. At 3 m. 2½ f. Mhoda or Moowada 4 f. on the left. At 4 m. 0½ f. Kherode 1½ f. on the left. At 5 m. 5 f. Mannara, 30 houses, 1 shop on the right. At 6 m. 1 f. Makree, 30 houses on the left.
		Boralee .....	11	0½	Made road unfinished, 2 miles unbridged.	1 wells and a tank for 6 months.	1 shop .....	40 houses; encamping ground to the E. of village. At 2½ f. cross the Chambal river (bridged). At 3 m. 3 f. pass Banolee on the right and Khajooroo on the left. At 4 m. 3 f. Khundgare on the right. At 5 m. 3½ f. an inspection bungalow. Kansen, a large village, 5 f. on the right, and Mhinda, 4 f. on the left. At 7 m. 3½ f. Boteon 2 f. on the right. At 8 m. ½ f. cross the Bhole-ghata river (bridged), and pass Cho 2 f. on the right.
		Soghlana .....	10	5	Road unfinished .....	Wells .....	Do. ....	60 houses 3 f. on the right; encamping ground to the S. W. At 1 m. 0 f. Gogura 1½ f. on the left. At 4 m. Peldara, 20 houses, and cross the Balwanee river to an inspection bungalow. At 5 m. 3 f. Bandawara, a large village with tank, 7 f. on the left. At 6 m. 2½ f. Moollan, a large village, 5 f. on the left.
		Carried over.....		58	2½			

General Officer Commanding Mhow Division, Mhow.

Agent to the Governor-General for Central India, at Indore.

Activities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Yards	Miles	Yards				
General Officer Commanding Mhow Division Mhow		Brought over			88	34				
		Waypoint	10	3	88	41	Grassland cut road h.alls heavy and steep rain.		5 slopes	200 houses 7/ on the right country ground to the W, the village of Chikha 5/ to the left. At 1 m 1/2 pass Kundurh 4/ to the right. At 2 m 3/ Kharnu a few huts. At 4 m 5/ Loharwara 2 h. l. l. At 4 m 7/ 1/2 m. 1/2 m. l. l. At 5 m 3/ a chowhee. At 6 m 8/ Barwar, 25 houses, and an inspection bungalow.
		Refuel S F T	8	5	78	15	Ditto	Abundant	Abundant	A large town about a mile to the left, the residence of the Beg. A large Grassland for 100 men, surrounded by trees and Telegraph office. country ground to the N. of the town, Telegraph and Post office. At 2 m 5/ Dhawra 800 houses 20 slopes. At 4 m 24/ a chowhee. At 5 m 24/ another chowhee. At 7 m 8/ Bala Kharnu 8/ on the right.
		Shower	9	8	87	11	Ditto	7 yards	15 slopes	200 houses country ground to the N. At 1 m 1/2 pass a chowhee. At 2 m 8/ Dewara. At 3 m 5/ a chowhee and the village of Bepura 8/ to the right. There were 100 houses 3 slopes on the right h. l. of a large m. l. l. (water) l. l. At 5 m 3/ Ambia, 8/ on the left.
		Turn S F T	13	0	100	11	First part bad and m. l. l. with heavy dips	Abundant	Abundant	A town on the Purna river about half a mile on the right, residence of the Beg. A large old town m. l. l. for 100 men. two travel huts bungalows and in the town and the other new (1) a country ground which is to the N. of the town, Telegraph and Post office. At 2 m 5/ Xoywar, 80 houses in the left bank of the Gungari m. l. l. and an inspection bungalow on the right bank. At 4 m 5/ a chowhee and across the Mar. was river 100 yards wide banks high bed very fertile 3 days after heavy rain. At 5 m 8/ Paddan 75 houses 3 slopes on the right bank of a large m. l. l. At 7 m 7/ a chowhee. At 8 m 1/2 Chala Paddan 3/ to the left. At 9 m 5/ a chowhee. At 10 m 11/ Loharwa 24/ to the right. At 11 m 8/ Kowara 20 houses. At 12 m 1/2 chowhee. At 12 m 5/ Bana Kharnu, 8/ to the left. At 13 m 8/ across the Purna river 100 feet wide banks low bed mostly fertile a day after heavy rain.
		To Kowara fort 800 sq. m.	88	34						For Table No. 80 (1)
		Total			100	3				
		15 November								

Note.—The country surrounding ground marked up at all the stages both on Mhow and Kowara.



TABLE No. 198. (2)

## FROM MHOW TO NEEMUCH, BY INDORE, Oojein, AND MEHIDPOOR.

GENERAL DIRECTION, NNW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.						Total.	
			Miles.	Furlongs.					Miles.	Furlongs.
General Officer Commanding Mhow Division, Mhow.										
Agent to the Governor-General for Central India, at Indore.										
		Mhow to Oojein, NW. Gate.	49	4	49	4		Vide Table No. 198. (3)		
		Kalochera .....	11	0	60	4	Cart-road, dangerous for guns in some parts, in consequence of deep ravines running into the road.	From wells, and the Sipra river.	Scanty, 4 shops.	300 houses. At 6 m. cross the Sipra river by a rough stony ford, at the Nana Kalra Ghat. Country undulating, with low hills E. and W. of the river.
		Mehidpoor .....	13	4	73	0	Stony in parts, passing between the river and a ridge of low hills. Road made near Mehidpoor.	Abundant, from river.	Abundant	A town on the right bank of the Sipra, celebrated for a victory by the Madras Army, under Sir T. Halsey, in 1817. The residence of the Political Agent, and a small cantonment. Pass the villages of Urdia (water and supplies), Sirpoor, and Mhow.
		Jootawad .....	10	0	83	0	A good cart-road during dry weather.	Nulla .....	Grain and fowls.	A middling village. Cross the Sipra from Mehidpoor, by boats, or by a ford 400 yards lower down. Pass the hill fort of Agnawale, and several small villages; Sipra river on the right. Country undulating, and rising into considerable ridges.
		Alote .....	11	2	94	2	Ditto .....	Ditto .....	Moderate	A middling village. Pass the large village of Patun, and some smaller ones. Country as before; a ridge of hills close to the left, and the Sipra from 3 to 4 miles off on the right.
		Right bank of the Chumbul.	14	4	108	0	Ditto .....	Abundant .....	None .....	Pass the large village of Borkeira at 8 m., and several smaller ones. Country as before; a low ridge on the left.
		Seeta Mow .....	13	5	121	3	Ditto .....	Ditto .....	Abundant	A small town, the residence of a Raja. Cross the Chumbul by a rough stony ford very bad for any wheeled conveyance, the dry part of the bed consisting of nothing but sheet rock, rising into considerable ridges.
		Nargurb .....	18	0	134	3	Ditto .....	Seeo river .....	Procumbent	A large village. Pass Kuttareo a small village, and Kajooroo a large one. Country as before; with some detached hills.
		Hursore .....	14	0	148	3	Ditto .....	Nulla .....	Ditto	A large village. At 2 m. cross the Seeo river, at the village of Appakaira; bottom rocky, and unfordable in the rains. Pass Goorowdia and Boorda, the latter a large village, with a fine tank at 8 m. Country as before.
		Palsora .....	10	0	158	3	Ditto .....	Etama river .....	Ditto	A middling village. Half way pass Peolia; no supplies. Cross the Etama river by ford. Country as before.
		Neemuch Cantonment square. B.P.T.	12	7	...	...	Ditto .....	Abundant, from wells and nullas	Abundant	Pass the small villages of Hatoora and Jammoo.
		Total .....	...	...	171	2				
		14 Marches.								

TABLE No. 198 (3)

FROM MHOW TO NEHMUGH, BY INDOR, COJIN, MUNDPOOR, AND MUNDEBORD

GENERAL DIRECTION N.W.

Direction.		Name of Stage.	Distance			Road and Soil	Water	Supplies	Remarks
			Stages	Total					
Military	Civil		Miles	English	Miles				
General Officer Commanding Mhow Division, Mhow		From Mhow to Indor	24	40	4	Good cart road and black, and sandy in parts	Do	Mandla	See Table No. 193 (2)
		To Mandla	30	70	0				See Table No. 199 (2)
		Kanury	11	81	4	Do	Alagaboli	Mandla	A large village; occupying ground N.W. At 8 m. S. of Dehla. At 1 m. S. of Kanury. At 7 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Do	16	97	4				A town with a fine tower and cultivated land; occupying ground N.W. At 2 m. S. of Kanury and 1 m. S. of Dehla. At 6 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Do	14	111	8				A large village with a small tower; occupying ground N.W. At 1 m. S. of Kanury. At 6 m. S. of Dehla. At 11 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Lachhore	14	125	8	Do	Do	Do	A large village with a small tower; occupying ground N.W. At 1 m. S. of Kanury. At 6 m. S. of Dehla. At 11 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Do	18	143	8				A large village with a small tower; occupying ground N.W. At 1 m. S. of Kanury. At 6 m. S. of Dehla. At 11 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Mandla	18	161	8	Do	Do	Do	A large village with a small tower; occupying ground N.W. At 1 m. S. of Kanury. At 6 m. S. of Dehla. At 11 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Do	22	183	8				A large village with a small tower; occupying ground N.W. At 1 m. S. of Kanury. At 6 m. S. of Dehla. At 11 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		To Kanury	32	215	8	Do	Do	Do	A large village with a small tower; occupying ground N.W. At 1 m. S. of Kanury. At 6 m. S. of Dehla. At 11 m. S. of Mandla. Country open and cultivated. Cows the stage were found near with steep hills and dry land.
		Total		188	1				See Table No. 200 (1)
		18 March							

TABLE No. 198. (4)

FROM MHOW TO NEEMUCH, BY DOJBIN, MEHIDPOOR, JOWRA, AND MUNDESOBE.

GENERAL DIRECTION, S.W.

Authorities.		Name of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stages.					
			Miles.	Furlongs.				
			Miles.	Furlongs.				
		From Mhow to Oojein .....	48	4	.....	.....	.....	Vide Table No. 193. (2)
		Kulobora .....	11	0	.....	.....	.....	Vide Table No. 193. (3)
		Mehidpoor .....	18	4	.....	.....	.....	
		Kusarao .....	18	2½	Fair weather cleared cart-road.	Wells .....	16 shops .....	A large village, 200 houses; encamping ground NW. or SE. At 5½ f. crosses the Sina river 200 yards wide, banks high, bed stony, fordable in February at a ford called Khur-daka-ghatta. At 6 m. 54 f. crosses a nulla 20 yards wide, bed sandy, banks low. At 6 m. 1 f. Baroo Dalchoo, 250 houses, and crosses a nulla 30 yards wide, banks low, bed sandy. At 10 m. ½ f. Gograpoor, 30 houses. Country open and cultivated.
		Limbodia .....	11	8½	Ditto	Ditto .....	None .....	30 houses; encamping ground W. At 6 m. 1 f. Mundawul, 307 houses, 2½ shops, and several wells. At 6 m. 4½ f. crosses the Bungalua nulla 16 yards wide, banks low, bed muddy and sandy. At 7 m. 0 f. Babdo, 30 houses. At 9 m. 2½ f. crosses the Chumbul river, 200 yards wide, banks high and broken, bed stony, fordable in December. Country open.
		Jowra B. P. T. ....	12	0	Ditto	Abundant .....	Abundant .....	A town on the Peoria river, residence of the Nawab, a large dharamsala, two travellers' bungalows one in the town and the other near the encamping ground which is to the NW. of the town. Telegraph and Post offices. At 2 m. 7 f. Khajoreca, 100 houses. At 6 m. 4½ f. Khajunkhera, 40 houses, and crosses the Mullence river, 200 yards wide, banks high, bed sandy and rocky, fordable in December. At 8 m. 3½ f. Bhadarpoom, 75 houses.
		To Koomash .....	62	6½	.....	.....	.....	Vide Table No. 69. (1)
		Total .....	171	4½				
		15 Marches.						

TABLE No 199.

FROM MHOW TO SAUGOI, BY ASHTA, BHHORE, BHOPAL, AND BHILSA.

GENERAL DIRECTION, N E

General Officer Commanding Mhow Division, Mhow

Agent to the Government General for Central India, at Indore

Authority.		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stage	Total									
			Miles	Paras									
			Indore	Paras									

Authorities.		Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
		Name of Stages.	Stages.				
			Miles. Furlongs.				
Military.	Civil.		Miles. Furlongs.				
General Officer Commanding Alwar Division, Alwar.		Brought over.....	99 3/4				
		Khujoore ... ..	10 5/2	110 1	Cleared road; black soil.	2 wells.....	4 shops .....
							200 houses, a large dharmshala; good and open encamping ground. At 3 m. 2 f. Pooria, 15 houses, and a well. At 4 m. 2 f. Toona, 40 houses, 1 shop, and 3 wells. At 5 m. 3 f. Funda, 200 houses, 4 shops, and several wells. At 10 m. Kharkhera, 10 houses, and 2 wells.
		Bhopal.....	10 1	120 3	Doitto .....	Abundant .....	Abundant .....
							A large town; encamping ground extensive, on the Bhilim road. At 2 m. 2 f. Kalokhera, 10 houses. At 4 m. 5 f. Bymkhera, 20 houses, and several wells. At 7 m. 6 f. Bhungrepora, 25 houses, water from wells. At 8 m. 2 f. ascend Lall ghant.
		Chopra .....	5 5	125 7	Cleared road .....	3 wells.....	3 shops; supplies moderate.
							Good encamping ground on an open plain W. of town; country open and cultivated. At 1 m. 1 1/2 f. Cholia, 30 houses, 2 wells.
		Ganj .....	10 3/2	135 2 1/2	Cart track (cleared) ..	Abundant, from 3 wells.	Abundant, from 20 shops.
							Good and extensive encamping ground N. of town. At 2 m. 6 1/2 f. Sookee Senwone, 40 houses, 1 shop, and 1 tank, water for 0 months, after that it is procured from Gurmoola, 1 mile off. At 6 m. 1 1/2 f. commence descent of Ballum ghant, made road. At 7 m. 5 1/2 f. Ballumpoor, 20 huts, 2 shops, 1 tank, water for 10 months, 2 furlongs left of the road.
		Goolgaum .....	9 7 1/2	145 3	Cart track; soil black, occasionally gravelly.	3 wells and a large tank.	5 shops; supplies abundant.
							Good and extensive encamping ground near tank. At 4 f. Ambore, 176 houses, 4 shops, and 3 wells. At 1 m. Ramroo, 10 huts, and Goraphunkhar river, bed rocky, and 80 yards wide, banks low, good crossing; road and country flanked by thick jungle down to Naroda.
		Bhilas .....	8 3	154 6	Cart track; soil black, occasionally gravelly.	Abundant, from several wells and river Betwa.	Abundant ..
							A large town; encamping ground near travellers' bungalow. At 1 m. 2 f. Kuroondia; country covered with jungle. At 3 m. 2 1/2 f. Kanakhera, 50 houses, 3 wells; country open and cultivated up to Bhilas. At 6 m. 3 1/2 f. Rangae, 18 houses, and water from Betwa river; cross Betwa river by a bridge near Rangae.
		Khurree .....	10 7	164 4	Cart track over mixed soil.	From 6 wells and Siew river.	Supplies from 4 shops.
							90 houses; encamping ground W. of village. At 7 m. 1 f. Parlad, 30 houses; water from Newon river, 1 furlong to the right of road. At 7 m. 3 1/2 f. cross Newon river, 100 yards wide, bed sandy, banks high, fordable a day or so after heavy rain. At 8 m. 3 f. Norott, 2 huts, and the Siew river. At 8 m. 4 1/2 f. cross Siew river, 100 feet wide, bed rocky, banks easy, fordable 4 hours after heavy rain. At 0 m. 6 f. Mircoe, 20 houses, 3 wells.
		Garruspoor .....	13 4	178 0	Cart track over black soil.	Abundant .....	Supplies from 15 shops.
							252 houses; encamping ground near travellers' bungalow. At 1 m. 5 1/2 f. Patne, 35 houses, 3 wells, 1 shop. At 3 m. 1 1/2 f. Maddepoor, 30 houses, 2 wells, and a tank. At 6 m. 3 f. Attarokhyam, 40 houses, 2 shops, and 4 wells. At 0 m. 2 f. Memon, 125 houses, 4 shops, water from 4 wells.
		Bagrode .....	9 1 1/2	187 1 1/2	Good cart track; black soil; country cultivated, partly jungle.	3 wells of good water.	Abundant ..
							238 houses; encamping ground N. of village. At 3 m. 4 1/2 f. cross a short easy ghant. At 5 m. 1 1/2 f. cross the Sira river, bed gravelly, 28 yards wide, banks easy, fordable 3 hours after heavy rain. At 6 m. 4 1/2 f. Goddikerre, 50 houses, and water from spring.
		Carried over.....	137 1 1/2				

Agent to the Governor-General for Central India at Indore.

BENGAL PRESIDENCY.  
Officer Commanding Sagar District, Sagar.

Antecedents.		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stage	Total						
			Miles	Furlongs	Miles	Furlongs				
General Cameron Chief Commanding Ranger District, Ranger	Chief Commanding Central Province, at Mungwa	Reynolds over			187	11				
		Malgach P	12	0	800	11	Good and soil as above	Abundant	Abundant	A small town; some plying ground N.E. At 11 m 11 f. South Mungwa, to be on road 8 m 10 f. At 8 m over Mungwa river but only 80 yards wide bank low. Suitable a day or so after heavy rain; a lot in the place. At 6 m 2 f. Mungwa 80 houses, 1 well and a house. At 7 m 21 f. From 17 houses and a well. At 10 m 1 f. Mungwa 20 houses and a well.
		Richman	8	0	808	11	Good good	Scarc	Scarc	A small village water from a well small about for a large force; used as one is prepared from Mungwa, Mungwa, and Kungwa. A well with plenty of water. Distinct about one mile from the camp ground. At 4 m 10 f. Mungwa Country for 8 m. Mungwa 100 rocky afterwards open and cultivated.
		Mungwa	10	0	818	11	Do. rather improved	Water	Abundant	A smallish village occupying ground marked out. At 8 m 2 f. over the Mungwa river (bridged) At 7 m. Mungwa. Country partly cultivated hills of a 4 stone.
		Mungwa Church H.T.T.	8	0			Do.	Abundant	Do.	A large settlement and C. 2 Station. The town of Mungwa is situated on the N. and S. side of a large lake nearly a mile in length. Population 40,000. At 1 m 4 f. from Mungwa. At 8 m. Mungwa. Country hilly, with well cultivated valleys.
		Total			826	11				
		El Mungwa								

TABLE No 200

FROM MHOW TO BIRONJ, BY BIRONA.

GENERAL DIRECTION, BIRONA

Antecedents		Name of Stage	Distance				Road and Soil	Water	Supplies	REMARKS
Military	Civil		Stage		Total					
			Miles	Furlongs	Miles	Furlongs				
General Officer Com- manding 1st Division, Mysore	Agent to the Government at Bangalore looking to District	Mhow to Birona			187	11	First part over an ex- cellent road through open and well culti- vated country; after wards rough and steep, over a range of hills, with a large lake, 8 miles, the remain- der good.	Plentiful, from wells and small river	Plentiful	Yale Table No 198.  A considerable village with good occupying ground SW
		Mhow	18	0	147	11				
		Overland over			158	11				



[illegible]



Authority		Name of Village	Distance				Road and Soil	Water	Vegetation	Remarks	
			Stages		Total						
Military	Civil		Miles	Perchages	Miles	Perchages					
General Officer Commanding Prome Division, Prome.		Collector of Khamti at Dikho.	Brought over	1	1	138	14	Country and track	High red walls	40 stages, mostly on foot.	241 houses, 9 Karen, 10 Shan, 10 Mon, 10 Karen, 10 Shan

File Table No. 10.

File Table No. 11.

TABLE No 202.

## FROM MHOW TO TOOBUN MULL, BY KHUL AND BURWAUNIA.

GENERAL DIRECTION, NW

Authenticity		Name of Stage	Distance.				Road and Soil	Water	Supplies	REMARKS
			Stage		Total					
			Miles	Furlongs	Miles	Furlongs				
Military	Civil									
General Officer Commanding Long Military Division, Mhow Agreed to the Government-General for Official Indian use by order.		From Mhow to Marapoor	13	0	13	0	Made road	Wood river	None	See Table No 54 (7)  A small village on the left bank of the Wood river about 8 1/2 m left of road. Cross the Marapoor river from Marapoor to Chander Khul.
		Chander Khul	13	5	27	5				
		Chander Khul	13	54	40	54				
		Chander Khul	9	0	49	54	Cart track	Doh river	None	A small village on the right bank of the Doh river. Leave the made road at Chander Khul and take west. At 8 m. Chander Khul and cross a ridge. At 4 m. Gubra. At 9 m. 4 1/2 Devam. Country hilly and jungle.
		Chander Khul	13	0	62	54				
		Unjor	13	0	75	54				
		Unjor	13	0	88	54	Do	Abundant wells.	Small slope	278 houses. Cross the Doh river at Unjor. At 3 m. Talwar. At 5 m. cross the Talwar river to Mandawa. At 13 m. Alahar.
		Chander Khul	13	0	101	54				
		Chander Khul	13	0	114	54				
		To Toobun Mull	13	0	127	54	Do	Abundant	Abundant slope	10803 houses (the residence of the Raj) on craggy ground. At 1 m. cross a ridge. At 3 m. 8 1/2 Talwar. At 6 m. cross a large ridge. At 8 m. Alahar.
		To Toobun Mull	13	0	140	54				
		To Toobun Mull	13	0	153	54				
		Total	153 0 153 0							
		13 March.								

TABLE No 203

FROM NEMMUCH TO AGBA, BY CHITTORGURH, KHOOSHALGURH, AND HINDOUN.

GENERAL INFORMATION, &amp;c

Authorities		Name of Stage	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Packages				
General Officer Commanding Mhow Division, Mhow		From Nemmuck (the old square) to Pyngura (the camping ground)	7 0/1	7 0/1	Made road	2 wells	5 shops	180 houses and a small Khoshtilla, an occupying ground SW. At 1 m. 1 1/2 f. pass Khoshtilla. At 1 m. 2 1/2 f. a shallow well temple road from the town of Nemmuck pass here. At 3 m. 4 1/2 f. Doodhawa. At 4 m. 5 1/2 f. a shallow well at the top of a slight ascent, very with a well at the foot. At 4 m. 5 1/2 f. Backman. At 5 m. 4 1/2 f. a shallow well. The village of Koudga is the right country open across 11 small and 1 large wells in the marsh.
		Koudga (the old square) R. P.	7 1/2	14 1/2	Ditto	Track and wells	Abundant, a large house	A walled town with towers and super- stitious temples; occupying ground N above the travellers' bungalow, made road to Chittorgurh branches off on left. At 4 m. 5 1/2 f. pass Pungla and Jala on the right. At 6 m. Khatkhatga and across the Khatkhatga river, 20 yards wide, but nearly banks high. Suitable a day or so after heavy rain.
		Backkhatga (the camping ground)	8 1/2	22 1/2	Cart road	Water from river and wells	10 shops	180 houses on the right bank of Backkhatga river. About 2 f. to the right. Inspection bungalow and occupying ground on the left bank. At 8 m. 4 1/2 f. pass Akharpura. 2 f. on right. At 8 m. 1 f. Akharpura. 200 houses, 5 shops. At 9 m. 1 f. Akharpura. 200 houses. At 9 m. 4 f. across the Backkhatga river to Backkhatga. About 2 f. to left the river is 200 feet wide but rocky, banks low. Suitable a day or so after heavy rain. Country open with thin low jungle in parts.
General Officer Commanding Mhow Division, Mhow		Chittorgurh (the old square) R. P.	10 1/2	32 1/2	Ditto	Walled town, from Bewark and Gandhara rivers	Abundant and shops	A walled town, about 1 m. to the right, connected by a hill fort about 3 miles in length and 1 mile in breadth, but in a disconnected state, occupying ground on left and travellers' bungalow on right of road. At 2 m. 7 f. pass Ura. 20 houses. 1 shop and 6 wells. At 4 m. 1 f. Akharpura. 2 f. to left. At 5 m. 4 1/2 f. Akharpura.
		Chittorgurh (the old square) R. P.	11 1/2	44 1/2	Ditto	Walled town, from Bewark and Gandhara rivers	Abundant and shops	A village of 200 houses, connected by a hill fort in land. About 6 f. to the left of the road, occupying ground on right, and an inspection bungalow on left of road. At 7 f. across the Bewark river, 20 yards wide. Banks high but nearly and nearly suitable 2 or 3 days after heavy rain. At 1 m. 2 1/2 f. pass Dugla. Khara 2 f. on left. At 3 m. Backman 1 f. on left. At 3 m. 4 1/2 f. Chittorgurh. 20 houses. 3 wells. At 3 m. 5 f. Bakura 1 1/2 f. to the right. At 4 m. 7 f. Dugla. 1 1/2 f. to the right, the road has a pass between two hills. At 10 m. 1 f. a shallow well. Country covered with thin low jungle up to Bakura. Chances with Ghat and high. across 7 small and 2 large wells in the stage.
		Desert over		40 1/2				

General Officer Commanding Mhow Division Mhow

Authorisation	Name of Station	Distances	Road and Rail	Water	Dry land	Remarks
Military	Civil	Stages	Total			
		Miles	Postmiles			
		Miles	Postmiles			
		Brought over	80	81		
		Huacacoma (Provincia Sangre)	8	81	Good road	Mountain valley and road
		Huacacoma (Tribuna Sangre)	11	92	Good road	Mountain valley
		Moche	11	103	Good road, over a trail containing plain covered with low bushes and a few scattered trees and bushes. Stage low, above village.	Mountain
		Huacacoma	14	117	Do it	Mountain
		Huacacoma	18	125	Do it	Mountain, from mountain and hillsides and thick bushes on from hill stage
		Huacacoma	18	143	Good to three miles just above Huacacoma; and had the water.	From water and hills
		Trujillo	11	154	Good heavy	Mountain
		Do it	11	165	Good excellent road with low bushes cultivation near the stage hills right and left.	Good water from valley and a good
		Huacacoma or Huacacoma	10	175	Good over a plain with thick hills; small parties (Huacacoma) Huacacoma (Huacacoma) part of Huacacoma Huacacoma	Do it
		Huacacoma	18	193	Good over a plain with thick hills; small parties (Huacacoma) Huacacoma (Huacacoma) part of Huacacoma Huacacoma	Mountain and good
		General over	101	201		







[illegible]

TABLE No. 205

FROM NHEMUCH TO AWA  
GENERAL DELONGE, KW

Authority		Names of Stages	Distances				Road and Soil	Water	Supplies	REMARKS
			Stages		Total					
Military	Civil		M	N Miles	Miles	Percentage				
General Officer Commanding Marwar Division	<p>Agreed to the Government General for the Government of Rajputana and Agwars.</p> <p>Agreed to the Government General for the Government of Rajputana and Agwars.</p>	From Jodhpur to	7	51	7	61				<p>From Jodhpur to the</p>
		Amritsar	7	3	15	03				
		Amritsar	12	0	27	03				
		Chota Bhanu	11	4	22	43				
		Jaipur	15	5	24	14				
		Jaipur	5	5	28	54				
		Jaipur	14	0	28	43				
		Jaipur	14	7	23	54				
		Jaipur	10	1	20	43				
		Jaipur			20	43				



Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding 11th Mhow Division, Mhow	As per the Copy in our General Staff Headquarters at Mhow	Brought over		102 1/2				
		Berra Dulca	14 2	116 3/4	The first five miles a bad path; afterwards an improved road. Country open with cultivation.	Abundant, wells.	Good. Cattle and sheep are found.	A small village on the left bank of a well. From 8 to 12/10. Another small village with a shop 4 wells and 2 tanks. At 12 m. 8/10. Chota Dulca.
		Berra	2 0	118 3/4	Good road.	Good from river which runs past the town.	Wells near the river.	A small town. Good camping ground.
		Don	16 0		None.	Large tank and wells.	Abundant.	Partial town. Antithese destroyed in 1842.
		Total		131 1/4				
		12 Mhow						

TABLE No 203

## FROM NERMUGH TO BOONDEL, BY HINGOWLEE.

OF NERIAL DISTRICT, S.E.

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage				
General Officer Commanding 11th Mhow Division, Mhow	As per the Copy in our General Staff Headquarters at Mhow	From Nermugh Jawal	30 7	10 7	Good cart road over undulating ground.	Wells and wells.	Abundant.	A well town. Good camping ground to the N.E. of town. Country open and well cultivated. At 8 m. 3/10. Berra. At 7 m. 1/10. Chota Don. At 6 m. 3/10. Mhow. Good camping ground with wells, somewhat stony and rough near Berra.
		Chowman	8 4	18 8	Good cart road.	Abundant.	Do.	800 houses, situated on the left bank of the Gomti river. Good camping ground rough and to the N.E. At 11 m. a road to Jod. At 8 m. Berra, town and across the Gomti river. 50 yards wide 5 ft high and muddy, fordable 12 hours after rain.
		Dulca	10 1	28 9	Do.	Do.	Do.	400 houses. Good camping ground to the N.E. near the bank. At 11 m. open the Gomti river low banks and rocky. At 8 m. 5/10 across a large well with open. At 8 m. 5/10 Berra. At 7 m. 10 m. 10 shops. At 8 m. 7/10. Berra. A cattle road to the left to Berra and Berra. At 8 m. 3/10 Berra.
		Hattigowlee	7 1	35 0	Do. but rocky.	Do.	Do.	A large village, with a hill fort, situated on the Gomti river. Good camping ground S.W. or on the N. on the top of the hill. At 6 m. 7/10. across the Gomti river at the foot of the Hattigowlee hill. Country open.
		Boondel	18 0	53 0	From a steep and difficult and, least from Berra.	Do.	Do.	A large well town situated on the Gomti river. Good camping ground to W or N.E. The road passes over a steep and difficult spout of about 4 m. long, on the same side as the hill fort of 'Berra' now in ruins. At 11 m. a road to right leading to Berra. At 3 m. 7/10. Berra from whence a road leading to Hattigowlee. At 8 m.
		Chowman						

[illegible]

TABLE No 207.

FROM NEEMUCH TO DROLEE, BY CHITTORGURH AND JHAZPOOR

GEOGRAPHICAL DIRECTIONS, &amp;c.

Authority		Name of Station	Distance		Road and Soil	Water	Supplies	Remarks
Mileage	Cord		Miles					
			Actual	Estimated				
		From Neemuch to Chittorgurh	21	51				File Table No 203
		Bareilly	12	41	Good cart road	Abundant	A small house	Large village At 1 m 8 f from Neemuch where branches off a path to Malabar. At 2 m 2 f Bareilly to the right. At 3 m 4 f Dunderdun At 5 m 6 f Jaz and Bony At 7 f to the right At 8 m 4 f Jazpur, a large village. At 9 m 2 f Jazpur, At 9 m 2 f Bareilly situated at the foot of a hill
		Chittorgurh	7	11	Path	Wells	7 shops	50 houses At 8 m 11 f Jazpur, 20 houses At 9 m 1 f Bareilly. At 9 m 6 f Jazpur At 8 m 4 f Jazpur Country to the E. hilly and to the W. covered with thick jungle
		Bombay	8	1	Cart track	20 wells	180 shops	Very poor small village about 500 houses, occupying ground h. of village. Route bet. Jazpur and Bombay is 1 m 1 mile Country to the E. hilly and to the W. covered with thick jungle. At 1 m 8 f Jazpur At 2 m 8 f Jazpur
		Madras	11	41	Good cart road	Abundant, from 13 shops to 14 houses, river		500 houses occupying ground on the right bank of the river. Country open and well cultivated, with patches of low jungle, and black. At 3 m 5 f Jazpur and across the branch river by the 100 yards wide At 8 m 4 f Jazpur At 8 m 4 f across the branch river, 500 yards wide to Bangalore and across the branch river at the end of the slope
		Chittorgurh	16	0	Path	20 wells and land, 20 shops		500 houses Occupying village at a hill foot of considerable strength surrounded with dense jungle, occupying ground to N. of the village, Jazpur to the left, covered with jungle country unimproved, and black. At 8 m 2 f Bareilly At 8 m 7 f Dunderdun At 8 m 4 f Jazpur At 11 m 2 f Jazpur At 12 m 2 f Jazpur Cross the branch river 100 yards wide, with approximation winding and difficult at 8 m 6 f
		Jazpur	11	0	Path	Unabundant	Unabundant	A walled town, with a fort, occupying ground to the W. of the town to the left. Country hilly and promising Jazpur, cart road not 1 except near Jazpur, and black. At 1 m 2 f Jazpur At 8 m 4 f Jazpur From Jazpur are two roads to Bangalore by Jazpur and Jazpur, rather rough but traversable
		Drolee	11	8	Path	Unabundant	Unabundant	Unabundant of Drolee, at which an Irregular Cavalry Co. is stationed. Country open, good cart road, some rocky and with low jungle at a considerable elevation, low hills to the right. At 8 m 7 f Bareilly At 8 m 1 f Bareilly At 10 m 4 f Drolee
		Total		114	7			
		11 March						



Anticipation.		Name of Stage.	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
History	Cart		Miles	Stages	Miles	Stages		
Agreed to the Government-General for Rajpootana, at Ajmer.								
		Brought over ..	..	41	1 1/2			
		Bagmati ..	18	2	53	9 1/2		
		Madhwa ..	17	2	70	11		
		Madhwa ..	18	4	88	13 1/2		
		Belahail ..	15	3	103	16 1/2		
		Kanab ..	18	3	121	18 1/2		
		Cherried over ..	..	887	141			

General Officer Commanding Mhow Division, Mhow.

[illegible]

TABLE No. 209.

## FROM NERAMUCH TO JEYPOOR, BY BOONDER AND TONK.

CENTRAL DIVISION III

Authority	Name of Stage	Distance		Road and Soil.	Water	Supplies	Remarks
		Stage	Total				
		Miles	Miles				
Military	Civil						
General Officer Commanding Madras Division, Madras	Agent to the Governor-General for Hyderabad, at Agumero	Neramuch to Boondar	100	6			See Table No. 200
		Boondar	10	0	Country road for 4 m. stony working between ranges of hills in some places forming narrow gorges afterwards level and good	Abundant, from wells and river Maly	A small village occupying ground on the banks of the Maly. At 1 m. from Boondar is a pass protected by a gateway and high stone wall. Near Boondar at 2 m. is near here the wall is heightened and built up the sides of the hill on both sides. At 3 m. Boondar and across the Maly to Boondar
		Droopar	13	0	Valuable the last 3 m. rocky and hilly country open and much cultivated at first, the last three miles rocky and hilly	Plentiful from wells and large tanks N.W.	Large village occupying among trees N. of town and some lake. At 1 m. from Dyo, at 3 m. from Boondar, at 13 m. Boondar. Over a large well between Dyo and Boondar
		Dyo	8	0	Good rocky and open for 4 m. afterwards (valuable) good	Plentiful	A town surrounded by a high and strong stone wall with bastions. At 8 m. Dyo. At 4 m. Boondar. Country consisting of several wide jungle
		Mugger	10	0	Valuable	Abundant	At 10 m. Boondar. At 15 m. Boondar. At 15 m. Boondar. Country rocky
		Munaboli	11	0	Good soil, passing through a range of hills at 11 m.	Wells	A small village. At 4 m. Boondar.
		Tank P.	11	4	Abundant country road over level country	Abundant from wells and tank.	Walled town capital of the Tonk State. It occupies plain N.E. or S.W., near former Bary
		Boondar	16	0	Good but stony parts	Abundant from wells and tanks	Small place. Occupying ground dry and stony. At 1 m. from Tank across Boondar river. Soil about 1,000 yards wide, stony soil about a foot of water in hot season
		Munaboli	13	0	Heavy and stony parts last 3 m. hard and good	From a large tank 300 yards from Boondar	A place full here with bastions and a ditch. Boondar on a large plain N.W. of town. Over a river at 3 m. dry in some parts. Inside ramparts sitting down for the passage of wheeled carriages
		Munaboli	16	0	Heavy and stony parts	From wells and tank on N.W. side of town	Boondar strong large town N.E. on sandy ground. At 1 m. across dry bed of a river at 3 m. village of Boondar. Country flat
		Jeypoor BP	10	0	Very heavy and sandy the whole way, with rain	Abundant	Large city occupying SW
		Total	100	1			
		19 March					

The route road from Neramuch to Jeypoor by Munaboli is as follows—

Neramuch to Munaboli  
Munaboli to Jeypoor134 0 Miles Table No. 210  
11 62 Miles Table 211.

Total 145 62

19 March

TABLE No 210

FROM NEEMUCH TO JHYSULMEER, BY THE CHUTTERBHOO PASS, PALLEE, AND JOODPOOR

GENERAL DESCRIPTION, &amp;c

General Officer Commanding Lahore Division, Punjab

Authorities		Name of Stage	Distance		R. of road & soil	Water	Supplies	Remarks	
Military	Civil		Stage	Total					
			Miles Paces	Miles Paces					
		Jhysulmeer Canton near to Jhysulmeer	-	302 41		- -	- -	Vide Table No. 181 (5)	
		Berra Dahan	16 3	318 57				Vide Table No. 30.	
		Shaphoon - -	11 6	329 41	Good good over a fine and well cultivated country	Traceable ..	Before road to pass.	Pass here at 8 m. 3/4. Cross at 4 m. 4/4; and Buddhists at 6 m. 6/4	
		Manoo	18 0	347 41	Good over a plain, and generally good	Trails of brackish water. At a house run wells at 1 m. to 1 1/2 m.	Ditto	Pass Buddhis at 1 m. 4/4; 2 m. 4/4; 3 m. 4/4; 4 m. 4/4; Buddhis at 5 m. 4/4. Country is particularly rich and well cultivated. Buddhis at 10 m. and Gurus at 11 m. 1/4. Cross 2 miles	
		Palle B P P	8 3	355 57	Good first and good	Excellent	Excellent	A large open town; most for all description of goods. Country level and very fertile cultivation. Pass Amoo at 3 m. 4/4	
		Kucha	9 3	365 11	Good excellent	Good from back.	Ready	A rich village	
		Bahai	8 7	373 05	Good very ready over rich and good	From a large lake. Traceable		A large village good surrounding ground. Cross 2 miles	
		Moga	18 7	391 11	Good level and good in some parts; in other very ready over an open plain.	Where from wells can be used.		A small village. Cross On Lower river by fort good rich of brackish water	
		Joodpoor P.	11 3	402 34	Good very ready and heavy	Abundant, from lakes and wells.	Abundant good.	A strong walled town surrounded by a stone fort built on a rock, which is occupied all round as to be almost perpendicular. Very little cultivation and paid as of people surrounding got all near walls.	
		Bamoo	15 0	417 34	Good heavy	Small dry wells on right and wells in fields around, but water-laid at.		Pass near Buddhis at 8 m. and Dagar at 9 m.	
		Tharoo	18 3	435 05	Generally heavy	Further very good water	Excellent, good deep.	Good good village on the right of the road surrounding good 4 good. Pass Buddhis at 4 m. and near Buddhis at 8 m.	
		Chardalen -	10 0	445 05	Good for 7 m. then very heavy and bad through desert.	Wells of good deep water and tank the latter rather brackish		A small village. Pass Buddhis at 4 m. 3/4; and Gurus at which there are 10 wells at 6 m.	
		Chamoo	18 4	463 45	Extremely heavy and sandy	Wells, some of them 120 feet deep in the brackish.	Excellent, good deep.	Surrounding ground very rich and good Pass Buddhis, 1 good well at 1 m. 4/4	
		Jamra	10 4	473 55		Ditto	1 good well 60 feet deep.	A small village	
		Dickoo	8 3	482 34		Ditto	5 wells 120 feet deep. Water good but very sandy.	A good small village. Buddhis around	
		Crossed over		491 41					



General Officer Commanding Mhow Division, Mhow

Agent to the Governor General for Hyderabad, at Ajmer

Authorities	Name of Station	Distances	Road and Soil	Water	Supplies	Remarks
Military	Civil	Stage	Total			
		Miles	Yards			
		Miles	Yards			

Note.—The 3rd Troop Bombay Horse Artillery and the 2nd Troop attached by the Route in the early part of 1898.

TABLE No. 211. (I)

FROM NEEMUCH TO KOTA, BY BILANPOORA AND THE MUKUNDURRA PASS.

GENERAL INFORMATION, AT

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles.	Percentage	Miles.	Percentage				
General Officer Commanding Mhow Division, Mhow		Agent to the Controller General for Central India, at Indore	Varanasi Cantonment to Banash	18	0	18	0	Road good, etc. as open place	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Katpura	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Katpura	From Katpura at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
General Officer Commanding Mhow Division, Mhow		Agent to the Controller General for Rajasthan, at Ajmer	Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.
			Banash, (Banash to Banash)	13	0	31	0	Road good, though a little rough, but rather better than the last	Unclassified, from Banash to Banash	From Banash at 8 m. 8 f., Banash at 10 m. 4 f. Country underlain and fairly cultivated. Cattle and sheep.

[illegible]

TABLE No 211 (2)

FROM NEEMUCH TO KOTA, BY SINGOWLEE.

## GENERAL INVESTIGATIVE DIVISION

Authority		Name of Stage	Distance		Road and Byd.	Water	Supplies	Remarks	
			Miles	Total					
Military	Civil		Miles	Total					
General Odier Commanding Major Mission Mavor	Civil	From Newbrook to Mayaguez		22	A				
		Mayaguez	17	1	B	C	Good dirt road and black and rocky	Abundant	
		Carried over			00	A			
								False Table No. 208.	
								A large stone walled town, at the junction of the Brousses with the Chantrel, eastward of ground on the W. of the river, near last. At 1 = 1/2 Chantrel or Mayaguez. At 2 = 1/2 Mayaguez. At 3 = 1/2 Brousses. At 4 = 1/2 Mayaguez. At 5 = 1/2 Mayaguez. At 6 = 1/2 Mayaguez. At 7 = 1/2 Mayaguez. At 8 = 1/2 Mayaguez. At 9 = 1/2 Mayaguez. At 10 = 1/2 Mayaguez. At 11 = 1/2 Mayaguez. At 12 = 1/2 Mayaguez. At 13 = 1/2 Mayaguez. At 14 = 1/2 Mayaguez. At 15 = 1/2 Mayaguez. At 16 = 1/2 Mayaguez. At 17 = 1/2 Mayaguez.	



Activities		Known of Agents	Distances				Road and Rail	Water	Supplies	REMARKS
			Stage		Total					
Military	Civil		Miles	Postmiles	Miles	Postmiles				
INTERNAL PERMITTING OFFICE CONCERNING GREATER DISTRICT MAPS  Agents to the Governor (Hawaii) for Civilian Indian at Eniwetok.		Brought over			170	5				
		Secondary	14	0	157	5	Road telegraph story	Unfranchisable	Must be established.	A small village. Cross the Kansas river. Established. Country hilly
		Highway	11	0	168	5	Road story and telegraph	Unfranchisable	Unfranchisable	A small town. Country hilly
		Highway BPT	11	0	300	5		Abundant	Abundant	A small settlement, managing ground. B. Highway was formerly a considerable town.
		To Greater Kansas City	76	5						See Table No. 100.
		Total			304	5				
		25 Miles.								

TABLE No 212 (2)

FROM NERNUCH TO MORAB (Gwalior), BY RAMPOORA, MUKUNDURBA PASS,  
SHAHABAD, AND SEEPREH.

**GENERAL DEFINITION OF**

Activities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles.	Percentage					Miles.	Percentage
General Officer Commanding Mysore Division, Mysore	Agent to the Government General for Registration, Bangalore.	From Kumbalekere to Kumbalekere	10	0	100	1	Good rough and rocky but 25 to 30 for miles the pass is about 5 m. in length	Facilities for water and food	Good supplies are available at this station.	See Table No. XII (1)
		Mayal	10	0	110	1	Good rough and rocky but 25 to 30 for miles	Facilities for water and food	Good supplies are available at this station.	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	120	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	130	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	140	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	150	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	160	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	170	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	180	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
		Maray	10	0	190	1	Good for	Water	Facilities for supplies	A well-kept town of 800 houses; occupying ground II.
Total					200	2				
25 March										



## REVISED TABLE No 213.

## FROM NEMMUCH TO NUSSEHRABAD BY CHITTOBGARH AND BOYLA

## GENERAL DIRECTION N

Authorities		Name of Stage	Distances		Road and Soil.	Water	Supplies	Remarks		
Military	Civil.		Stage	Total.						
			Miles.	Paras.						
General Officer Commanding Madras Division, Madras		Agent Governor General, Chittoorgarh, Madras	0	21	0	21	Kade road	8 wells	8 sheeps	A continuous walk travellers bungalow & Post and Telegraph office and Railway station
		Agent Governor General, Mysore, Madras	7	2	18	40	Dike	Tank and wells	Plentiful large tank	A walled town, with travellers and large Post office encamping ground good to the S of the town near travellers bungalow 3 f on the Chittoorgarh road which branches off on left. At 1 m. 7 f pass a church and well the road here crosses the boundary between Tank and 8 when a fort is seen. At 3 m. 0 f Ag. a 4 f to the left. At 4 m. 3 f pass Pipla and Jala. 3 f to the right. At 5 m. 21 f cross Kolavak river. 60 yards wide had sandy banks high. fordable a day or two after heavy rain and on the right bank of the river in the village of Knapka. At 6 m. 18 f cross a large well. had paved. At 8 m. 24 f cross the rail road, country open and well cultivated.
		Agent Governor General, Mysore, Madras	8	74	26	64	Dike	River and wells	8 sheeps	120 houses 1 Chittoorgarh bungalow on the right bank of Kolavak river. encamping ground good to the W of the village and right side of the road. At 6 m. 24 f cross a large well. had paved but 100 feet wide fordable a day or two after heavy rain. At 7 m. 24 f pass Bowler 60 houses 4 wells 1 temple, country as before.
		General Officer Commanding Madras Division, Madras	8	74	26	64	Dike	River and wells	8 sheeps	

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Furlongs				
		Brought over			56	0 1/2		
		Chitgarh (on encamping ground) P	10	2 1/2	66	7 1/2	Made road	<p>Plentiful from Bural river</p> <p>The total, a large B. near</p> <p>A walked from a situated at the foot of hill fort of Chitgarh 4 1/2 m. about 1 m. from an encamping ground. Travellers' bungalow 1 post office and Railway station. 2 encamping ground good to the W. of town across the travellers' bungalow. At 1 1/2 f. across a parcel with which forms the boundary between Dohlypore and Tank territory. At 1 m. 1/2 f. hill church and Chitgarh Railway station on the right. At 3 m. 1/2 f. Area a right of the road. At 4 m. 1/2 f. Jahanpara, 2 f. to the left. At 5 m. 2 f. Bayre 2 f. to the left. At 6 m. 1/2 f. from Chitgarh Railway station. At 6 m. 1/2 f. good rail road and a road turned right to town at Chitgarh. At 30 m. 1 1/2 f. travellers' bungalow, country open with thin jungle on parts cultivation only near the village. Cross 6 small tanks and one large in the marsh all water laid.</p>
		Georgar (encamping ground)	10	0 1/2	76	4 1/2	Diffic	<p>Plentiful and good, from a spring</p> <p>20 sheep</p> <p>A large village about 300 houses, travellers' bungalow, and Railway station. A hill fort in 1st military encamping ground good to the S. of the bungalow. At 2 1/2 f. cross March river (bridge) 180 yards wide banks high, be rocky and rocky, ford side S or 3 days after heavy rain. At 1 m. 3 1/2 f. across a mile by a steep cut in bed rocky, banks high impassable in heavy rain. At 1 m. 7 1/2 f. Chanderi Railway station 1 f. to the left. At 4 m. 4 1/2 f. post office 180 houses 7 sheep 18 m. to S. bungalow. At 5 m. 4 1/2 f. Ajallora 2 f. to the left. At 7 m. 1/2 f. cross a hill road near the village of Mahipara. At 7 m. 1/2 f. back 4 f. to U. left. At 8 m. 1/2 f. Jais of B. sh. Cross a small and 2 large tanks on the marsh, all a deciduous country covered with thin and low jungle.</p>
		Hinergarh (on encamping ground) P	8	0 1/2	84	2 1/2	Diffic	<p>Plentiful from wells and tanks</p> <p>Plentiful</p> <p>A walked town with a travellers' bungalow 1 m. beyond the encamping ground. In B. was station. A small hill left on good cultivation encamping ground good 1 m. S. W. of the town and left of the road. At 1 m. 1 f. are hill church and Railway station of Georger. At 3 m. 2 1/2 f. Jais, left of the road. At 3 m. 3 1/2 f. cross road and see the village of Mahipara. At 4 m. 4 1/2 f. cross a large in the bed sandy, banks high impassable in the rain. At 5 m. 7 1/2 f. cross a small. At 7 m. 7 1/2 f. across the bed of a tank with parcel with. At 8 m. 4 1/2 f. Tall spires about 4 f. left of road. In this stage across small and two large tanks, all water laid; country covered with thin jungle cultivation only about the villages.</p>
		Carried over			84	2 1/2		



Askerment		Source of Supply	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Postmiles	Miles	Postmiles		
		Brought over		88	21			
		Shivara (occupying ground) P	18	3	87	64	Made road from Alambadi	A large town with travellers bungalow. Post office and 12 banyan trees; some young ground good to the W of town and about to travellers' bungalow were 12 banyan trees. At 1 m 1/2 pass (Hassan) railway station, and 1/2 below 1 cross rail road. At 2 m 8/ cross the Hassan river (unbridged) 200 yards wide heavy for carts but sandy banks low fordable 2 or 3 days after heavy rain. At 3 m 8/ pass Bala 2 1/2 m left of the road. At 4 m 1/2 f crossable 2/2 right of the road. At 4 m 2 1/2 f a well of good water and Hassan a small village, a right of the road. Country open with low bushes, cultivation near the village.
		Koyamagura (occupying ground)	8	74	78	46	Ditto	4 wells
								Some, but procurable from Man dal which is about 8 1/2 miles distant E W direction.
		Koyla (occupying ground)	11	7	88	51	Ditto	4 wells and tanks
								A small Bazar.
		Khera (occupying ground)	8	51	87	61	Ditto	4 wells and Hassan river
								Some but procurable from Koyamagura, which is 1 1/2 miles distant N E direction.
		Carried over		97	61			

Analyzed as		Amount of Stages	Distance		Road and Rail	Traffic	Supplies	Remarks	
Military	Civil		Stage						Total
			Miles	Percentage					
	Brought over			27	40			R001 crosses a travellers' bungalow and Police station, crosses a ground close to the bungalow. At 2 m 5 f a dry wall. At 6 m 4 f a wall with water. At 8 m 6 f a wall and village of Bhagwanth on the right and is also on the left. At 9 m 8 f cross Khari in at R00 yards wide, heavy for water, banks low and sandy here a day or so after heavy rain. The river is the boundary between R001 and Maywar territory. Inspection bungalow on the S. bank of river. At 10 m 1 f Baral R00 houses, 10 shops 20 wale. At 12 m 4 f Baral Railway station 1 m right of the river. At 13 m 1 f a close-in and wall. At 14 m 2 f across a bridge and pulled and village of Bhakidin 4 f to the right. In the next cross several small all bridge. country open and covered with low bush and the jungle.	
	Rail line (occupying ground)	15	02	113	41	Made road	10 wale trails	Abundant 20 shops	
	Bandarwan. P	10	42	123	36	Ditto	Abundant	Abundant	
	Unsurveyed B P T	18	21			Ditto	Ditto	Ditto	
	Total			225	9				
18 March									

TABLE No 214 (1)

FROM NEMUCH TO SAUGOR, BY JHALRA PATTUN, NURSINGURH, AND BEILSA

GENERAL DIRECTION, NW.

Authorities		Names of Bridges	Distances		Road and Soil.	Water	Vegetation	Remarks	
Military	Civil		Stage	Total					
			M. or less	or more					
General Officer Commanding Madras Division, Madras	Agent to the Government General for Madras, Madras	Nemuch to the Government General for Madras, Madras		1				See Table No. XII (1)	
		Madras to the Government General for Madras, Madras	9	7	0				
		Madras to the Government General for Madras, Madras	5	0	1				
		Madras to the Government General for Madras, Madras	11	4	4				
		Madras to the Government General for Madras, Madras	10	0	4				
		Madras to the Government General for Madras, Madras	7	0	2				
	Agent to the Government General for Madras, Madras	Madras to the Government General for Madras, Madras	13	8	4				
		Madras to the Government General for Madras, Madras	10	4	0				
		Madras to the Government General for Madras, Madras	9	1	7				
		Madras to the Government General for Madras, Madras	8	4	6				
		Madras to the Government General for Madras, Madras			6				
		Madras to the Government General for Madras, Madras			6				

[illegible]

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles Pachages	Miles Pachages				
Military	Civil							
District Engineer Office Commanding Engineer District Engineer Chief Commissioner General Postmaster at Bangalore		Brought over		246 0				
		Stagepost B	13 0	259 4	A very fair cart road through an open undulating and ge- nerally well culti- vated country Ditto	Abundant	Abundant	A town and small fort on a ridge of low hills on the right of the road, which the road goes directly approaches. Cross eight miles
		Stagepost	9 0	268 4		Wells	Small house	Cross nine miles
		Right bank of River cross near Bangalore	15 1	283 5	Ditto	Abundant	Small gully	Bangalore, a small town, protected by a hill fort is about a mile to the right of the road. Country covered with trees, pass up between hills near the Bangalore valley. At 8 m. across the River. 80 yards wide rocky and sandy bottom, steep banks and with 1 to 2 feet water in the dry season. At the end of the stage across the River by a rocky place 10 yards wide water the same. Cross also ten miles.
		Stagepost	8 0	291 5	Good road bridged	Wells and wells	House, pro- tectable from surrounding village	A small village; country as before. Cross several miles
		Stagepost	8 1	299 6	Ditto	8 ponds wells	Abundant	A small village. Neighbouring ground with red soil. Country undulating and partly cultivated. Hills right and left at 4 m. across. At 6 m. across the River by a good ford and near Bangalore, a good stage village at 7 m. Cross three miles
		Stagepost B P T	8 1	307 7	Ditto	Abundant	Abundant	A large settlement and Civil station. At 1 m. 4 f. Bangalore. At 8 m. Bangalore. Country fully with well cultivated valleys
		Total		308 8				
		30 Marches						

TABLE No 214 (2)

## FROM NEEMUCH TO SAUGOR, BY JHALRA PATTUN, BURSUD, AND SIRONJ

GENERAL INFORMATION

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles Pachages	Miles Pachages				
Military	Civil							
General Officer Commanding Major Division Agent in the Government for Nagpur, at Agra		Domestick to India Patron Amherst	10 0	10 0	Good good the whole way	Plentiful from river and wells	Moderate small boats loaded	See Table No 214 (1)
		Domestick	18 0	28 0	Good but rough and shallow in the De- gana Pass. Country undulating.	From river shades by and wells	Good but small	A small village on the N. bank of a small river crossing on bank. Cross Kish. Hill river at 8 m. and pass Amherst at 8 m. small village. At 8 m. pass Degana, a large well large bank. At 4 m. 4 f. Degana a good road village. At 8 m. the foot of the Degana Pass about a mile a length across and across the foot and the latter rocky There are two roads through the Pass the southern one being used for carts. At 8 m. pass Amherst, large village and broad water- course with at 8 m. in the hot season. At 1 to 11 m. Amherst. Cross the river Shapes at 10 m.
				110 4				





Antecedents		Number of Bridges	Distances		Road and Road	Water	Vegetation	Remarks							
Military	Civil		Stages	Total											
			Miles	Parasangs	Miles	Parasangs									
General Officer Commanding Indian Division, Mhow		Agent to the Government-General for Afghanistan, at Aghaura.	Transport over			07	14	Mule road	Abandoned	Abandoned	A large walled city, residence of the Beg of Jeyser, the hill fort of Bagrampur in the north of the city. Post and Telegraph office, barracks, bungalow, railway station, bazaar, etc. At 1 m. pass Dargah 80 houses. At 2 m. 7 f. Tachra, 80 houses. At 4 m. 1 f. Shahrin, a large village to the left and Gumbaz to the right. At 5 m. 1 f. Tachra. At 10 m. 7 f. Dargah. At 13 m. 7 f. across Fermanan Sabbar in the 1778 has wide, banks low, bed sandy. Available a day after heavy rain. At 13 m. 7 f. an important bungalow and road to the Kandahar bazaar off to the right. At 14 m. Kandahar to the right and Nal (Kandahar bazaar) to the left. Country open and cultivated.				
			Jeyser, occupying 5 f. 7	14	4	21	54								
			Karota	10	8	07	04					Ditto	3 wells	80 sheep	
			Mowgram 3	7	7	28	74					Ditto	Ditto	0 sheep, abandoned (from Dargah) 2 miles SW	
			Gumbaz	7	4	107	84					Ditto	7 wells	8 sheep, no cattle from Karota, 1 mile S	
			Tharun 3 f	8	7	116	84					Ditto	Abandoned well	Small abandoned, and large tank	
			Dargah	11	6	128	90					Ditto	4 wells	20 sheep	
			Mowgram and Tachra 3	19	5	148	84					Ditto	Wells	Several sheep	
			Carried over				148					84			



Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.	
Military.	Civil.	Names of Stages.	Stage.		Total.					
			Miles.	Furlongs.	Miles.					Furlongs.
General Officer Commanding Mhow Division, Mhow.	Agent to the Governor-General for Rajpootana, at Ajmere.	Brought over.....	...	...	138	0 1/2				Geordhurpoora, 30 houses. At 3 m. 3 f. cross the Kalasol river 128 yards wide, bed sandy, banks low, fordable 2 hours after heavy rain. At 4 m. Bada, 39 houses, 3 shops. At 5 m. 7 f. huts. At 6 m. 1 f. Raypoora. At 7 m. 4 f. huts. At 8 m. Peopalka. At 9 m. 4 f. two wells. At 10 m. a chowkee. Country open and cultivated.
		Patelo .....	8	1	140	7 1/2	Made road .....	10 wells .....	5 shops .....	200 houses at the foot of a hill. Encamping ground N.E. At 1 m. pass Khedi. At 2 m. Raypoora on the left and Peolode on the right. At 3 m. 6 f. a well. At 3 m. 6 f. Khema on the right. At 4 m. 4 f. Kiamgurree, 20 houses. At 5 m. 1 f. Hanoomankoo chowkee. At 5 m. 5 f. Sumto on the right. At 6 m. 7 f. pass between two hills. Country open.
		Kumolpoor .....	13	0	153	7 1/2	Ditto .....	Plentiful .....	Procureable .....	Encamping ground.
		Hullohoob .....	13	0	170	7 1/2	Ditto .....	Ditto .....	Abundant .....	Travellers' bungalow and encamping ground.
		Kaddum Kunda.....	13	0	183	7 1/2	Ditto .....	Ditto .....	Procureable .....	Encamping ground.
		Bharpoor .....	13	0	196	7 1/2	Ditto .....	Ditto .....	Abundant .....	A large town surrounded by a mud wall with a ditch, its shape is nearly square with sides about 1 mile in length; the ditch may be filled with water. The fort is on the N.W. corner of the town and is surrounded by a very wide ditch with masonry revetments. The population of Bharpoor is probably about 50,000 inhabitants. Latitude 27°-18' Longitude 77°-38'; travellers' bungalow, Post office, and Railway station.
		Ohukana .....	8	0	204	7 1/2	Ditto .....	Procureable .....	Procureable .....	A small village.
		Uchneyra .....	0	0	208	7 1/2	Ditto .....	Ditto .....	Ditto .....	A small town, travellers' bungalow and Railway station. The Bharpoor territory commences at the 2nd mile.
		Agra .....	10	0	...	...	Ditto .....	Abundant .....	Abundant .....	Large town and cantonment. At 2 m. pass Balbe, a large village.
		B.P.T.	...	...	...	...				
Collector at Agra.		Total.....	...	...	224	7 1/2				
		21 Marches.								

NOTE.—The distance by rail from Ajmere to Agra is 233 1/2 miles.

The route by Ajmere is as follows:—

General Officer Commanding Mhow Division, Mhow.	Agent to the Governor-General for Rajpootana, at Ajmere.	From travellers' bungalow at Nussorabad to Post office at Ajmere, B.P.O.		Made road .....	Abundant .....	Abundant .....	One of the chief commercial towns of Rajpootana; the greater part is surrounded by a wall of no strength; that of the fort in which formerly the arsenal was, is crumbling rapidly. On the hill of Tarragarh at the foot of which Ajmere lies, is a fort gradually falling into decay. Invalids from Nussorabad are sent here for change of air. Headquarters of the Agent to the Governor-General for Rajpootana. Travellers' bungalow and Post and Telegraph office. At 3 m. 7 1/2 f. pass a temple and well. At 5 m. 3 1/2 f. Patankare chowkee. At 7 m. 1 1/2 f. Khajoor kee chowkee and a well. At 8 m. 4 1/2 f. Munkunpoora. At 9 m. 1 1/2 f. Parbutpoora, 20 houses. At 10 m. 2 1/2 f. Garoa. At 12 m. 1 1/2 f. road to Jeywar branches off to the right and to Deera to the left.
		13	0 1/2	13	0 1/2		
		Carried over.....	...	18	0 1/2		

Authority		Name of Station	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
									Miles.	Perches.
Military	Civil									
General Culture Commissioning Officer Dharam, Mhow	A road to the Government Camp for Engineers, at Ajmer	Brought over		18	01	Ade road	Abundant	Unabundant	A well 1/2 m. above 2 m. SW from the camping ground. The radius of a 1/2 m. large old well also fertile. Unabundant At 6 1/2 paces the stream at Agri. At 1 m. 1 1/2 f. the well. At 5 m. 1 1/2 f. a shallow well a large tank. At 6 m. 1/2 f. a shallow well, 100 houses 1 at 6 m. At 7 m. 1/2 f. a shallow well, 100 houses 100 houses.	
		Along road occupying dry ground	18	2	30					21
		Handree Handree B	11	1	40	24	D.R. is	D.R. is	8 sheep	
		To Agri. as above	194	41						
		Total			224	04				
				XI Milestone						

TABLE No 216

FROM NUSSEERABAD TO AWA

GENERAL INVESTIGATION, FBI

Authority		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles	Fathoms				
Military	Civil		Miles	Fathoms				
General Officer Commanding Mysore Division Mysore		Agenda to the Government General for Hyderabad at Ajmere.						
		B. reserved	0	0				
		B. reserved	7	0				
		Channarayana	7	1				
		Channarayana	8	0				
		Channarayana	9	0				
		Channarayana	10	0				
		Channarayana	11	0				
		Channarayana	12	0				
		Channarayana	13	0				
		Channarayana	14	0				
		Channarayana	15	0				
		Channarayana	16	0				
		Channarayana	17	0				
		Channarayana	18	0				
		Channarayana	19	0				
		Channarayana	20	0				
		Channarayana	21	0				
		Channarayana	22	0				
		Channarayana	23	0				
		Channarayana	24	0				
		Channarayana	25	0				
		Channarayana	26	0				
		Channarayana	27	0				
		Channarayana	28	0				
		Channarayana	29	0				
		Channarayana	30	0				
		Channarayana	31	0				
		Channarayana	32	0				
		Channarayana	33	0				
		Channarayana	34	0				
		Channarayana	35	0				
		Channarayana	36	0				
		Channarayana	37	0				
		Channarayana	38	0				
		Channarayana	39	0				
		Channarayana	40	0				
		Channarayana	41	0				
		Channarayana	42	0				
		Channarayana	43	0				
		Channarayana	44	0				
		Channarayana	45	0				
		Channarayana	46	0				
		Channarayana	47	0				
		Channarayana	48	0				
		Channarayana	49	0				
		Channarayana	50	0				
		Channarayana	51	0				
		Channarayana	52	0				
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		Channarayana	56	0				
		Channarayana	57	0				
		Channarayana	58	0				
		Channarayana	59	0				
		Channarayana	60	0				
		Channarayana	61	0				
		Channarayana	62	0				
		Channarayana	63	0				
		Channarayana	64	0				
		Channarayana	65	0				
		Channarayana	66	0				

here - The trail was followed by the Field Force which reached around Arx from Huesmarried in January 1893.

TABLE No 217. (1)

## FROM NUSSERABAD TO BAHAWULPOOR, BY NAGORE AND BHEKANER

GENERAL DIRECTION NW

Authorities		Names of Places	Distance				Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage		Total					
			Miles	1 surface, 2 other	Miles	Fathoms				
General Officer Commanding Bahawalpur, at Nagore	Agreed to the Commander General for Bahawalpur, at Nagore	Nusserabad to Dera Isma	11	0	11	0		Wells		A village of about 80 houses. Grass 4 miles
		Goradigrah	18	0	29	0		20 wells	Large house	Cross Sonate river and 2 miles
		Thal	13	0	42	0	Road over black, bar- ren country with heavy sand	10 wells		A small village of 80 houses. Grass Loose river and 1 mile
		Masra	10	0	52	0	Road, pretty good	8 tanks		80 or 90 houses. Country open and partially cultivated.
		Rahna	8	0	60	0	Road over an uneven plain, covered with heavy black jungle.	1 tank and wells	80 Large house	
		Noshera	11	0	71	0	Road sandy. Road and first heavy after much better	2 wells		80 houses. From Rahna at 7 m., and Dera Isma at 10 m. Country unimproved, and covered with black jungle
		Masra	13	0	84	0	Road at first through jungle, then over plain			800 houses. From Rahna at 6 m
		Nagore	11	0	95	0	Over a plain with jungle	1 tank and wells	80 Good house	A large walled town.
		Uthman	14	0	109	0	Thick jungle	2 tanks and wells		80 houses
		Masra	8	0	117	0	Ditto	2 wells		100 houses.
		Wahman	13	0	130	0	Ditto	Ditto		80 houses
		Bahawal	11	0	141	0	Ditto	2 wells		Do
		Qadriwala	11	0	152	0	Ditto	1 well		100 houses.
		Bahawal	8	0	160	0	Ditto	Abundant	Large house	A large walled town. Population some 80,000
		Bad Isma	10	0	170	0	Road hard	Wells from wells	Fruitful	A small village. Country a desert.
		Nagore	10	0	180	0	Ditto	Blackish	None	A small village. From Bahawal about half way. Country as above
		Nagore	18	0	198	0	Road over sand hills	Ditto	Fruitful	A village. At 4 m. from Uthman (5 miles of good water). Country as above
		Qadriwala	10	0	208	0	Ditto	Ditto	Sandy	A village. Country as above
		Nagore	13	0	221	0	Ditto	Ditto	Sandy	Do do
		Bahawal	18	0	239	0	Ditto	Good	Sandy	Do do
		Masra	30	0	269	0	Ditto	Wells from tanks and wells	Fruitful	A large place with a fort. Country as above The fort is built on fine ground with a sandy mountain near it; walls of brick 80 feet high and 14 feet thick. The body of the place is about 200 yards square with an outwork on the N side covering a mosque the access was through three gates into the city walls on each of which is a small angled tower
Bahawalpur Territory		Distance between Nagore and Bahawalpur	269	0	269	0				

Carried over

Activities		Dates of Stops	Distances		Land and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles Per Stage	Miles Per Stage					
Barrington Freeman	British Native Agent at Bahr el Jebel	Brought over		21	2				
		Pawnee .. " ..	21	0	2	Hard hard with very small sand drifts for 3 mi. the last 2 mi. good	Good but with some sand but collected	A deserted village. Country as above. A line to the south. Post station of Kala Paka is passed 4 mi. to the right of the road where good water is procurable. The road from Kala Paka and Bahr is joined at Pawnee.	
		Chakravartee .. " ..	14	2		Heavy and sandy	Abundant ..	Abundant ..	A town the capital of the Chakravartee terri- tory occupying ground W. of the town. Country fairly as far as I could in better part of 65 miles, afterwards fairly culti- vated
		Total 22 March			4				

TABLE No 217 (2)

FROM NUSSERABAD TO BAHAWULPOOR, BY HARNOL, HANGL AND BHUTNEER

RESEARCH IN PROGRESS 317

Jurisdiction		Name of Rapper	Distance		Road and Soil	Water	Vegetation	Remarks
			Stage	Total				
			Miles	Percentage				
Military	Civil							
Norwalk, Connecticut Offices Connecticut General Assembly, Hartford	Political Agents for the United States, Danbury	From Danbury to Kata	10	1	100	4		White Table No. 113
			10	1	100	4		
			10	1	100	4		
			10	1	100	4		
			10	1	100	4		
		From Danbury to Kata	14	5	100	7		
		From Danbury to Kata	18	7	100	7		
		From Danbury to Kata	20	7	100	7		

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
Military.	Civil.		Stage.						Total.	
			Miles.	Pargana.						Miles.
Political Agent Chas-Singh Bhabar, Umballa.		Brought over.....	...	...	181	7		200 houses, 7 shops, a tank, and 15 wells of good water. At 8 m. 7 f. Melndoo, 30 houses, and 10 wells. At 0 m. 3 f. Hoodem, 400 houses, 1 shop, 25 wells, water brackish. At 10 m. 1 f. Nengul Chow-dree, 300 houses, 7 shops, 20 wells, water good.		
		Doodwa .....	17	5	198	4	Good, but heavy for wheeled carriages.	Good water, 8 tanks and 3 wells.	Abundant with deer notice; 8 shops.	70 houses. A small village. At 1 m. from the town of Kunonde, pass Munjero, 18 houses, 4 pukka wells. At 5 m. 0 f. Malaira, 160 houses, 2 shops, 1 tank, 7 pukka wells. At 7 m. 2 f. Borvna, 218 houses, 4 shops, 7 wells. At 10 m. 3 f. Leizang, 70 houses, 1 shop, 1 tank, and 8 wells. At 11 m. 0 f. Potoe, 60 houses, 1 shop, 1 tank, 2 wells. At 12 m. 7 f. Sano, 60 houses, 4 shops, 1 tank, and 2 wells.
		Dadree .....	7	1	205	5	Ditto .....	A very fine tank inside the town, and 3 small ones outside. Water good, but 18 of the wells are brackish.	Abundant; 230 shops.	Dadree is a town of 8,400 houses, with a strong mud fort. Country highly cultivated in the neighbourhood. Encamping ground good, defined by boundary pillars SW. of the town. At 2 m. 1 f. pass Gassoh, 33 houses, 1 tank, and 4 wells.
		Mundoo or Mun-heeroo.	10	3	217	0	Ditto, soil sandy, crosses 3 narrow belts of sandhills.	7 tanks, 16 wells; water abundant and good.	Abundant; 145 shops.	houses. Encamping ground NE. of the village, defined by boundary pillars. At 3 m. 7 f. pass Ghoskaroo, 30 houses, and 1 shop, a tank and a pukka well.
		Burra Bownoo .....	8	3	225	4	Road tolerably good, but sandy and heavy in parts, with a range of sandhills to the west.	1 tank, and 58 wells; water plentiful.	Abundant; though dry forage not always to be had; 900 shops.	A town of 4,800 houses. Carries on a great trade with the neighbouring States. Sugar, in great quantities, is manufactured. The road lies between gram cultivation all the way; several villages dotted about. Encamping ground N., defined as before. At 1 m. 5 f. pass Nagul, 35 houses, 1 tank, and 1 well.
		Chota Bownoo .....	13	3	238	7	Good road .....	Good and plentiful; 7 tanks, which are full in March, and several wells.	Supplies abundant; 10 shops; no forage to be cut.	A small open town. Good encamping ground SW., defined as before. Road as before through gram cultivation. At 8 m. 1 f. pass Lowarree, 50 houses, 4 shops, 2 tanks, and 2 wells.
		Hansi (N. pillar of encamping ground). P.	11	1	249	0	Ditto .....	Good and abundant from canal, tanks, and wells.	Abundant; 490 shops.	A small cantonment and town. The Cantonment lies S. of the fort and town, which latter contains 5,600 houses. The encamping ground is about 1 mile SE. of it, and defined by boundary pillars. The road passes through cultivation of wheat, barley, and gram, and crosses 5 small canals branching from the Perwezshah canal. The Too-mang range of hills is visible from this road. At 8 m. 5 f. pass Sekunderpoor, 50 houses, a tank, and well.
		Hissar .....	15	7	265	0	Very good road .....	Abundant, from canal.	Abundant; notice.	1 large town, with a fort, the head quarters of the Collectorate. The Fort canal runs past the town; good for masonry over it. Encamping ground defined as before, but small and much cultivation of land around. The canal is crossed on this march by good bridges. At 8 m. 5 f. pass Khond, 70 houses, a tank, and well.
		Agroo .....	13	2	278	2	Ditto .....	1 tank and 1 well.	Ditto, 1 shop.	120 houses, before R. of Chokla. A tank in gram after rain.
		Carried over.....			278	2				

Authority		Name of Village	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Paras	Miles	Paras				
Brigadier General Officer Commanding Machil District, Machil.	By Car of H.M.S. Thames	Brought over								
		Patnabul	17	01	278	1	Good soil open, but very heavy after rain	Good soil and plant oil; 11 wells	Abundant of for the the: 110 slope; for age narrow	250 houses. Encamping ground W of the town. At 2 m 21/2 paras below, heavy, 10 houses, 1 shop, 1 well. At 4 m 7/2 paras, 48 houses, 8 shops, 1 well. At 8 m 8/2 paras, 10 houses, 9 shops, 1 well, and 8 wells. At 12 m 31/2 paras, 25 houses, 2 wells.
Brigadier General Officer Commanding Machil District, Machil.	By Car of H.M.S. Thames	Doon	18	01	411	1	Ditto	Abundant; from 1 well, and 4 wells. Road dry in hot sun	Abundant of for the the: 110 slope; for age narrow	Good soil; village, encamping ground good, SE of the village. At 4 m 41/2 paras below, heavy, 15 houses, 1 well, and oil, but not good water. At 7 m 11/2 paras, 40 houses, 3 wells, and a lot of oil.
		Baru (East gate)	13	21	312	4	Heavy and sandy, with slope, rough in hot sun.	Very fine look 6 of the town, rest, narrow wells; water abundant and good; 4 wells are situated in the middle of the main street	73 shops; supplies of every kind abundant; a large com- pany	A large town regularly laid out, the centre street very wide, and the houses well built. The 11 m and 12 m are the 11 m of the present town, but not exactly the same, the material having been removed for build- ing the new town; there is a fine tank 1/2 of the town. The distance, ground is 2 of the road before entering the gate, and a good road entrance. The jail, bazaar, and private residences are here. At 2 m 4/2 paras, 15 houses, and a well. At 3 m 11/2 paras, 20 houses, 2 wells. At 4 m 4/2 paras, 20 houses, 2 wells. At 5 m 4/2 paras, 20 houses, 2 wells. At 6 m 4/2 paras, 20 houses, 2 wells. At 7 m 4/2 paras, 20 houses, 2 wells. At 8 m 4/2 paras, 20 houses, 2 wells. At 9 m 4/2 paras, 20 houses, 2 wells. At 10 m 4/2 paras, 20 houses, 2 wells. At 11 m 4/2 paras, 20 houses, 2 wells. At 12 m 4/2 paras, 20 houses, 2 wells. At 13 m 4/2 paras, 20 houses, 2 wells. At 14 m 4/2 paras, 20 houses, 2 wells. At 15 m 4/2 paras, 20 houses, 2 wells. At 16 m 4/2 paras, 20 houses, 2 wells. At 17 m 4/2 paras, 20 houses, 2 wells. At 18 m 4/2 paras, 20 houses, 2 wells. At 19 m 4/2 paras, 20 houses, 2 wells. At 20 m 4/2 paras, 20 houses, 2 wells. At 21 m 4/2 paras, 20 houses, 2 wells. At 22 m 4/2 paras, 20 houses, 2 wells. At 23 m 4/2 paras, 20 houses, 2 wells. At 24 m 4/2 paras, 20 houses, 2 wells. At 25 m 4/2 paras, 20 houses, 2 wells. At 26 m 4/2 paras, 20 houses, 2 wells. At 27 m 4/2 paras, 20 houses, 2 wells. At 28 m 4/2 paras, 20 houses, 2 wells. At 29 m 4/2 paras, 20 houses, 2 wells. At 30 m 4/2 paras, 20 houses, 2 wells. At 31 m 4/2 paras, 20 houses, 2 wells. At 32 m 4/2 paras, 20 houses, 2 wells. At 33 m 4/2 paras, 20 houses, 2 wells. At 34 m 4/2 paras, 20 houses, 2 wells. At 35 m 4/2 paras, 20 houses, 2 wells. At 36 m 4/2 paras, 20 houses, 2 wells. At 37 m 4/2 paras, 20 houses, 2 wells. At 38 m 4/2 paras, 20 houses, 2 wells. At 39 m 4/2 paras, 20 houses, 2 wells. At 40 m 4/2 paras, 20 houses, 2 wells. At 41 m 4/2 paras, 20 houses, 2 wells. At 42 m 4/2 paras, 20 houses, 2 wells. At 43 m 4/2 paras, 20 houses, 2 wells. At 44 m 4/2 paras, 20 houses, 2 wells. At 45 m 4/2 paras, 20 houses, 2 wells. At 46 m 4/2 paras, 20 houses, 2 wells. At 47 m 4/2 paras, 20 houses, 2 wells. At 48 m 4/2 paras, 20 houses, 2 wells. At 49 m 4/2 paras, 20 houses, 2 wells. At 50 m 4/2 paras, 20 houses, 2 wells. At 51 m 4/2 paras, 20 houses, 2 wells. At 52 m 4/2 paras, 20 houses, 2 wells. At 53 m 4/2 paras, 20 houses, 2 wells. At 54 m 4/2 paras, 20 houses, 2 wells. At 55 m 4/2 paras, 20 houses, 2 wells. At 56 m 4/2 paras, 20 houses, 2 wells. At 57 m 4/2 paras, 20 houses, 2 wells. At 58 m 4/2 paras, 20 houses, 2 wells. At 59 m 4/2 paras, 20 houses, 2 wells. At 60 m 4/2 paras, 20 houses, 2 wells. At 61 m 4/2 paras, 20 houses, 2 wells. At 62 m 4/2 paras, 20 houses, 2 wells. At 63 m 4/2 paras, 20 houses, 2 wells. At 64 m 4/2 paras, 20 houses, 2 wells. At 65 m 4/2 paras, 20 houses, 2 wells. At 66 m 4/2 paras, 20 houses, 2 wells. At 67 m 4/2 paras, 20 houses, 2 wells. At 68 m 4/2 paras, 20 houses, 2 wells. At 69 m 4/2 paras, 20 houses, 2 wells. At 70 m 4/2 paras, 20 houses, 2 wells. At 71 m 4/2 paras, 20 houses, 2 wells. At 72 m 4/2 paras, 20 houses, 2 wells. At 73 m 4/2 paras, 20 houses, 2 wells. At 74 m 4/2 paras, 20 houses, 2 wells. At 75 m 4/2 paras, 20 houses, 2 wells. At 76 m 4/2 paras, 20 houses, 2 wells. At 77 m 4/2 paras, 20 houses, 2 wells. At 78 m 4/2 paras, 20 houses, 2 wells. At 79 m 4/2 paras, 20 houses, 2 wells. At 80 m 4/2 paras, 20 houses, 2 wells. At 81 m 4/2 paras, 20 houses, 2 wells. At 82 m 4/2 paras, 20 houses, 2 wells. At 83 m 4/2 paras, 20 houses, 2 wells. At 84 m 4/2 paras, 20 houses, 2 wells. At 85 m 4/2 paras, 20 houses, 2 wells. At 86 m 4/2 paras, 20 houses, 2 wells. At 87 m 4/2 paras, 20 houses, 2 wells. At 88 m 4/2 paras, 20 houses, 2 wells. At 89 m 4/2 paras, 20 houses, 2 wells. At 90 m 4/2 paras, 20 houses, 2 wells. At 91 m 4/2 paras, 20 houses, 2 wells. At 92 m 4/2 paras, 20 houses, 2 wells. At 93 m 4/2 paras, 20 houses, 2 wells. At 94 m 4/2 paras, 20 houses, 2 wells. At 95 m 4/2 paras, 20 houses, 2 wells. At 96 m 4/2 paras, 20 houses, 2 wells. At 97 m 4/2 paras, 20 houses, 2 wells. At 98 m 4/2 paras, 20 houses, 2 wells. At 99 m 4/2 paras, 20 houses, 2 wells. At 100 m 4/2 paras, 20 houses, 2 wells. At 101 m 4/2 paras, 20 houses, 2 wells. At 102 m 4/2 paras, 20 houses, 2 wells. At 103 m 4/2 paras, 20 houses, 2 wells. At 104 m 4/2 paras, 20 houses, 2 wells. At 105 m 4/2 paras, 20 houses, 2 wells. At 106 m 4/2 paras, 20 houses, 2 wells. At 107 m 4/2 paras, 20 houses, 2 wells. At 108 m 4/2 paras, 20 houses, 2 wells. At 109 m 4/2 paras, 20 houses, 2 wells. At 110 m 4/2 paras, 20 houses, 2 wells. At 111 m 4/2 paras, 20 houses, 2 wells. At 112 m 4/2 paras, 20 houses, 2 wells. At 113 m 4/2 paras, 20 houses, 2 wells. At 114 m 4/2 paras, 20 houses, 2 wells. At 115 m 4/2 paras, 20 houses, 2 wells. At 116 m 4/2 paras, 20 houses, 2 wells. At 117 m 4/2 paras, 20 houses, 2 wells. At 118 m 4/2 paras, 20 houses, 2 wells. At 119 m 4/2 paras, 20 houses, 2 wells. At 120 m 4/2 paras, 20 houses, 2 wells. At 121 m 4/2 paras, 20 houses, 2 wells. At 122 m 4/2 paras, 20 houses, 2 wells. At 123 m 4/2 paras, 20 houses, 2 wells. At 124 m 4/2 paras, 20 houses, 2 wells. At 125 m 4/2 paras, 20 houses, 2 wells. At 126 m 4/2 paras, 20 houses, 2 wells. At 127 m 4/2 paras, 20 houses, 2 wells. At 128 m 4/2 paras, 20 houses, 2 wells. At 129 m 4/2 paras, 20 houses, 2 wells. At 130 m 4/2 paras, 20 houses, 2 wells. At 131 m 4/2 paras, 20 houses, 2 wells. At 132 m 4/2 paras, 20 houses, 2 wells. At 133 m 4/2 paras, 20 houses, 2 wells. At 134 m 4/2 paras, 20 houses, 2 wells. At 135 m 4/2 paras, 20 houses, 2 wells. At 136 m 4/2 paras, 20 houses, 2 wells. At 137 m 4/2 paras, 20 houses, 2 wells. At 138

Authorities.		Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
		Names of Stages.		Stage.	Total.				
Military.	Civil.			Miles.	Furlongs.				
General Officer Commanding Mhow Division, Mhow.  Agent to the Governor-General for Rajpootana, as Ajmere.		Brought over.....	...	375	3				
		Souratgarh.....	23 2½	899	5½	Very good, through jungle.	3 tanks, one of which retains water the whole year, consequently the wells, 4 in number, are not used.	Abundant; 400 shops; forage plentiful.	1,200 houses, and a small fort. Good encamping ground N. To the E. is a range of sandhills running N.E. for some miles. Thin thorn jungle on both sides of the road and grass in abundance. At 8 m. 4½ f. pass Lakoonies, 10 houses, a tank, and a knob well; at 17 m. 7 f. Rampoon, a deserted village, but with a well and tank, good water and good encamping ground. Pass also the villages of Doolrana (deserted), Doolranee, and Lakoonies, Ledana (about 2 m. E.), and Bhagaur (deserted). Water at all these places, from tanks and wells.
		Sirdarhar.....	10 0½	409	6	Idio .....	1 tank and 2 wells, water good.	Abundant, from Souratgarh; forage in abundance to be cut.	10 houses, and a small mud fort in the centre of the village. Good encamping ground S.E. Pass two small deserted villages, Nigana and Sapore. Thin jungle and grass in abundance on both sides of the road. Troops are recommended to halt at Rampoon instead of Souratgarh, and to march thence direct to Sirdarhar by which some little distance will be saved.
		Balochia .....	19 1	428	7	Road very good, over a plain with jungle occasionally.	A tank and 3 wells, water very bad in both tank and wells.	Abundant, after due notice; abundance of grass to be had by cutting.	4 houses, 5½ N. of the road. Cross a very heavy sandhill to the encamping ground, which is in a dry hard basin surrounded by hills. The village is almost deserted.
BAHAWULPOOR TERRITORY.  British Native Agent at Bahawalpoor.		Wallar, or Sirdarhar.	11 7½	440	6½	Rather sandy at first, afterwards hard and firm.	2 wells; water good.	Abundant; grass as before; 8 shops.	A small square fort, with a village of 80 houses around. Good encamping ground S. Thin jungle and grass on both sides of the road. The Bakinjer territory ends, and the Bahawalpoor begins about 3 m. before reaching Wallar. The division is marked by pillars.
		Phoolers.....	11 2	455	0½	Road heavy and sandy in parts, especially the last 1½ m.	Water good and plentiful, from 2 wells; also 2 tanks, but they were not in use by last report.	Abundant, 16 shops; plenty of good forage to be cut.	110 houses; encamping ground N, of the village. At 5 m. 2½ f. is a dak station, with one well of good water. Thin jungle with grass on both sides of the road. There is another road from Wallar northward of this.
		Moorghur .....	15 0	407	0½	Road good, with the exception of about 3 m. of mud, which is very difficult for wheeled carriages.	Tolerably good, from 4 wells.	Supplies abundant; brought from Moor; 8 shops.	100 houses. This is a small square fort with bastions at the angles, with an excellent dwelling house inside, which was built by Bahawal Khan. Encamping ground good S. and E. This is rather a heavy march, there being several ranges of sandhills to be crossed. The country very barren. At 8 m. pass a dak station with a well of good water 80 feet deep with 8 feet water, called Doolkee well.
		Marot.....	11 0½	478	7	Hard clay to within 2 m. when very high sandhills into camp extremely heavy.	Good and plentiful from wells.	Abundant but no grass; 6 shops.	A town of 60 houses, and a small fort built on a hill, and 80 feet high; but to the westward the sand has drifted up to the top of the walls. A few Hindoos live in the fort, and Mussulmans outside. Encamping ground N. of the fort, bad. No cultivation of any sort. At 4 m. 3 f. pass Jamhar, a fort with a four-brute. Village deserted, and in ruins; one wall inside the fort.
		Chappoo .....	9 3	438	3	Good but sandy and heavy in parts. Indicated by high pillars from half a mile to two miles apart, and small mounds of earth at 20 yards interval.	Pleasant and good from wells.	None, unless previous notice is given.	Deserted. Encamping ground left of the road. At 4 m. from Marot cross a belt of heavy sand, after which the road is hard and firm over a very flat plain of hard clay with scarcely any jungle. At 6 m. 3 f. cross a belt of very deep sandhills about 1 m. broad, and at 7 m. 2 f. a similar one.
		Carried over.....	...	468	3				

Authorities.		Journey of Stage	Distance		Road and Soil.	Water	Supplies	REMARKS		
			Stage	Total						
Military	Civil		Miles	Furlongs	Miles	Furlongs				
MILWAUKEE TERRITORY	British Western Agency at Belknap House	Brought over			450	0				
		Kalispell	11	0	601	0	Good road	A well, good water	Plentiful after the rain	A small lake station, good camping ground. Pass the deserted village of Maroon.
		Fortress	11	0	111	0	Generally hard and good with this & the on both sides for four miles heavy and muddy	Diff.	From Kalispell road the village on the bank of the river	Heavily deserted. The houses on the S side nearly buried in mud. Camping ground good.
		Belknap House (Kootenai Gate) ?	14	0			Good (very hard) and very muddy	Abundant	Abundant	A large town the capital of the Milwaukee State, beautifully situated and surrounded by a wall, and well built houses with 6 miles of factory. Country around very fertile with numerous fruit gardens. It is considered for its size a place of safety, the town being situated on the junction of 8 rivers from the NW & S. At 8 or 9 p.m. Javalin in Centre, 100 houses, 8 shops, and 0 miles of good water. Good camping ground W of the town.
		Total			500	0				
		21 March								

REMARKS.—The route was followed by the Boundary Com. and also by a Regiment of Royal Marine Infantry in the cold season of 1840-41 and was reported as offering no obstacles whatever to the travel of Troops. The parties were with which the passage across the desert portion of the north, according from term to Bellevue, appears to have been off the route attributable to the excellent arrangements that had been made by the Civil authorities all along. A place were brought in from good distances, and a water and a small lake, a or two attempts very good had been drawn up from the wells and placed in small tanks to reservoirs, and not abundant, the large quantity required for a Cavalry Regiment with its number of followers, plenty remained always in the country as it may be presumed that, if the water were given a much larger body of troops could pass the desert at this time of the year.

The above route was followed by the Road House in the hot season of 1841 as far as term where they took the following to Bellevue —

MILWAUKEE TERRITORY	British Marine Agent at Milwaukee	Journey of Stage	Miles	Furlongs	Total	Road and Soil	Water	Supplies	REMARKS
MILWAUKEE TERRITORY	British Marine Agent at Milwaukee	Journey of Stage	Miles	Furlongs	Total	Road and Soil	Water	Supplies	REMARKS

\* There is no desert country between Milwaukee and this; the country is a low grassy undulating plain with numerous villages, and abundance of water.



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
RAHAWULPOOR TERRITORY.  British Native Agent at Rahawulpoor.		Brought over ...	...	481	6			
		Mata Jeindoo .....	18	0	498	6	Generally good	Good from wells. Supplies scarce.
		Lunda Bedein .....	12	0	506	6	Good	From one well ... Scarce
		Hazipoor .....	11	6	517	4	Heavy in parts, passing along the northern edge of the desert.	Water abundant from tank.
		Gote Kaim Bais .....	7	0	524	4	Ditto	Plentiful
		Khyrpoor .....	11	4	538	0	Ditto	Ditto
		Gote Noor Mahomed .....	10	0	548	0	Heavy for 2 m., afterwards over grassy plain.	From wells ... Scarce
		Gote Dehra Bakin .....	11	0	557	0	Narrow and difficult.	Moderate
		Rahawulpoor .....	10	0	...	...	Heavy and bad	...
		Total .....	...	...	567	0		
		47 Marches.						

TABLE No. 218.

## FROM NUSSEERABAD TO DELHI, BY SAMOT, KOTE, AND REWARREE.

GENERAL DIRECTION, NE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.				
			Stage.	Total.								
Military.	Civil.		Miles.	Furlongs.								
General Officer Commanding Alibor Division, Alibor.	Agent to the Governor-General for Rajasthan, at Ajmer.	Nusseerabad to Doodoo, B. P. T. Akroha .....	0	41	53	4	Made road .....	.....	.....	.....	Fide Table No. 215.	
		Jobnar .....	12	0	65	3	Tolerably good road ...	Abundant and good, 10 pucks wells.	Abundant; 120 shops.			Bather a large place of 720 houses, situated at the foot of a very high hill, the summit of which is crowned by 4 forts, one is tolerable order, the others ruins. The ascent is steep and difficult. At 1 m. 7 f. pass Kherco, 25 houses, 4 pucks wells. At 5 m. 3 f. Bajiro, 40 houses, 2 shops, 3 pucks wells, water of 1 brackish. At 8 m. 3 f. Basing-poor, 38 houses, 1 shop, 3 pucks wells. In this march cross 3 low ridges of sandhills.
		Carried over .....			65	2						

A. Locations		Names of Places	Distances		Road and Soil	Water	Vegetation	Remarks
			Stage	Total				
Military	Civil		Miles	Paras				
General Office Commanding Third Division, Minor	Agent to the Government-General for Nagasaki, at Nagasaki	Brought over		00 2				
		Murruer	8 7	70 1	Road heavy after rain. 30 yards wide water good and level close to the surface	30 yards wide water good and level close to the surface	Supplies good in this place also the water	90 houses much cultivation in this marsh At 8 m 0/7 paces Luvuvu, 90 houses 8 slopes 18 yards wide. At 8 m 3/7 Duvuvu, 80 houses 10 wide.
		Kaka Dera	13 7	86 0	Road tolerably good but better in parts and badly defined	Water good and plentiful at this point 30 yards wide	None	A good village, and good occupying ground to the S. At 8 m 2/7 paces Kuvuvu, 80 houses, 1 slope 5 yards wide. At 3 m 0/7 Vuvuvu, 25 houses 2 yards wide. At 8 m 2/7 Guvuvu, 10 houses 8 slopes, 6 yards wide of good water
		Kuvuvu	13 21	100 2	Road tolerably good but very badly defined	Road good, plentiful water and level	Supplies abundant, 250 paces	1,780 houses. Street is narrow in a ridge of the hills from each extremity of which a steep wall with bastions extends completely covering the town. There are two stone forts on the hill, the one about 200 feet above the plain. There is an inner stone enclosure and a high mound of earth in the center of the town. The north part of the outer wall projects toward the north, and the bastions of the inner wall are in the center. From 1 m 7/7 to 2 m 0/7 paces 30 houses 4 wide. At 8 m 0/7 Thuvu, 20 houses, 20 wide. At 8 m 7/7 Guvuvu, 1,780 houses 400 slopes, water plentiful but with supplies of every sort abundant. Between Guvuvu and Kuvuvu there is a large plain, partly cultivated on both sides of the road.
		Murruer	10 11	110 6	Road very bad and heavy, no way in tracks for most of the day, but very good in the last of the rain.	Road water-poorly wide	Supplies abundant, dry 6 slopes narrow, 120 slopes	1,780 houses. Formerly a large place, and occupying ground over nearly 8 of the village, now a large plain. Devoid in this marsh the town is on a ridge of the hills, extremely steep and difficult to climb. From the town the road to Murruer runs along the river, which runs near Murruer and has a small stream flowing into the river, and a fordable crossing immediately after a large 25 of rain. Then join the Murruer.
		Kuvuvu	18 1	128 7	Road heavy	Water good and plentiful, 40 yards wide	Supplies good, dry 7 m 7/7 not always good in 25 of rain	200 houses occupying ground very bad in the bed of the river, the mud of which dries, about with the slightest wind no other ground available on account of the cultivation. Ridge of hills high and low. Cross the Kuvuvu river to the S. At 8 m 1/7 paces near the river, and a fordable crossing immediately after a large 25 of rain. Then join the Murruer.
		Pragpur	10 0	138 7	Road heavy	Water good and plentiful, 40 yards wide	Supplies good, dry 7 m 7/7 not always good in 25 of rain	200 houses. Cross the river. Escape 7 of the town.
		Kuvuvu	9 8	148 4	None	Water good from a well, and 2 yards wide	Abundant, 250 paces, dry 7 m 7/7 not always good in 25 of rain	200 houses with square and flat, with dirt on the side. From the river, good At 8 m 1/7 paces Kuvuvu, 80 houses, 1 slope and 1 yards wide
		Guvuvu	10 4	158 4	Road good, except for a short distance near the river, where it is heavy	Water good and plentiful, 40 yards wide	Supplies good, dry 7 m 7/7 not always good in 25 of rain	A small village. This is a distance 7 m 7/7 and left
		Buvuvu	8 8	168 0	None	None	None	A small village situated at the S. end of a ridge of hills. At 8 m 0/7 paces the dry marsh bed of a well 4 yards wide
		Correct over		180 0				
REVENUE DEPARTMENT Office Commanding Minor Division		Revised April 25 1901						

Authorities		Name of Stage	Distance				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Parcages	Miles	Parcages				
British Expeditionary Force Officer Commanding M. and L. Division, Mysore		Brought over			170	0	For the first 3 miles the soil was in through Mts. in rough and smooth soil up to 1000 ft. altitude a tolerably good road over a flat even level	Plentiful	Plentiful from Mysore	A small town
		Channarayana	10	0	170	0				
		Reverse	17	0	187	0				
		Perambur	17	0	204	0				
		Carbide Harbours	17	0	221	0				
		Mohal Li K. K.	12	0	233	0				
		Delhi R.P.T.	10	0						
		Total			245	0				
		21 March								

Note—The distance by rail from Mysore to Delhi is 278 1/2 miles.

TABLE No 210  
FROM NUSSEERABAD TO DIOLE, BY SUBWAR  
GENERAL DIRECTION, ET

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Parcages				
General Officer Commanding Mysore Division, Mysore  Agent to the Government Officer Commanding M. and L. Division, Mysore		From Mysore to the left	11	0	Made road	Wells	20 of age	A village of 800 houses about 4 1/2 m. to the left. At 8 m. 1/2 from Mysore. Country open and cultivated.
		Chavara	8	2	None	None	Plentiful	110 houses. Inspection boundary road a fair, narrow, dry, gravel S.W. At 1 m. 7/8 a well. At 5 m. 7/8 a large tank. Road from Mysore to the right before reach of Chavara.
		Udumala	11	0	None	None	Plentiful	A large, narrow, gravel S.W. At 8 m. 1/2 a large tank. At 8 m. 2/3 cross the Dera river. 170 yards wide. At 6 m. 1/2 Ben war: a wall of stone with house, and Post office. At 8 m. 2/3 well and then a large house. Country open with thin jungle for the last 8 m. 1/2.

Authority	History	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks				
			Stages	Total								
			Miles	Yards								
Census Office Co. Mysore & Malabar	Civil	Brought over										
		Stage 1	11	01	Wade road	Track and wells	4 stages	25 houses, crossing my ground 10. At 10 m. 2 f well and 14 m. At 12 m 6 f a tank. At 4 m 2 f Andreea small walled town with long narrow temple, Fort office and Jail. At 4 m 2 f well road to Mangalore branches off to the right. At 7 m 8 f house. At 9 m 8 f tank and a well.				
		Stage 2	11	01								
		Stage 3	11	01								
Census Office Co. Mysore & Malabar	Civil	Stage 4	11	01								
		Stage 5	11	01								
		Stage 6	11	01								
		Stage 7	11	01								

TABLE No. 220

## FROM KUSSEERABAD TO GOOKA, BY BOONDIE AND KOTA.

GENERAL INFORMATION, &amp;c.

Authority		History	Civil	Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks	
					Stage	Total					
					Miles	Yards					
Census Office Co. Mysore & Malabar	Up to 1000 ft. above sea level.	Unsurveyed to 1000 ft. above sea level.	Civil	Unsurveyed to 1000 ft. above sea level.	11	01	Good road	Wells	Same stage	Table No. 219	
				Stage 1	11	01					
				Stage 2	11	01					
				Stage 3	11	01					
Census Office Co. Mysore & Malabar	Up to 1000 ft. above sea level.	Unsurveyed to 1000 ft. above sea level.	Civil	Stage 4	11	01	Good road	Wells	Same stage	Table No. 219	
				Stage 5	11	01					
				Stage 6	11	01					
				Stage 7	11	01					
Census Office Co. Mysore & Malabar	Up to 1000 ft. above sea level.	Unsurveyed to 1000 ft. above sea level.	Civil	Stage 8	11	01	Good road	Wells	Same stage	Table No. 219	
				Stage 9	11	01					
				Stage 10	11	01					
				Stage 11	11	01					

General Officer Commanding Allah Division, Mhow.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.					
Military.	Civil.		Single.		Total.										
			Miles.	Furlongs.	Miles.	Furlongs.									
		Brought over .....	...	...	78	31									
		Nowgaum .....	8	4	81	73	Road very bad over rocks and broken ground, small hills, and thick jungle, until after passing Tanna for 3 or 4 m., when it becomes good, and passes through well cultivated country.	Wells .....	15 shops .....	Pass Tila at 4 m. and Nowgaum at 7 m. Cross the Maize river and one nullah.					
		Boondee P. ....	10	0	91	71	Road good for the first 3½ m. through a cultivated country; afterwards leads through a pass to the hills west of Boondee, and is very rugged and bad for carts.	Plentiful .....	Plentiful .....	A fortified city. Encamp among trees LSE. Pass Sutor at 3 m., and Talloagam at 0 m.					
		Taina or Talera .....	10	4	102	84	Road good, through an undulating country, covered with jungle.	Plentiful from river .....	A few shops; supplies procurable after due notice.	Cross the river Tye at the end of the march by a stone causeway; cross also 3 nullahs, and pass Nowgaum at 3 m., Mungallee at 5 m., and Leokara at 8 m.					
		Kota P. ....	13	4	115	73	Road good; country for the first 5½ m. covered with jungle; the remainder open and cultivated.	Chumbul river .....	Abundant .....	A fortified city on the right bank of the Chumbul. Capital of the Kota State and residence of its Raja. Encamping ground E. of the city. Cross the Chumbul by ferry; plenty of boats procurable, and a good ghāt on the right bank, but steep and rocky on left; or by ford at Sansole, rough and stony. Pass Kyrowlee at 3 m., Nadia at 6 m. 4 f., Nowakra at 10 m., and Kharoo, on the left bank of the Chumbul, at 11 m. 4 f., opposite to Koda, whence supplies are procured. Cross 2 nullahs in this march.					
		Koetone or Katoon .....	9	4	125	63	Road at first in the midst of gardens, then over a rocky plain and afterwards winding through partial cultivation, and then babool jungle.	Plentiful .....	Small bazar .....	A considerable village. Pass Goordapoor at 4 f., Bampoon at 1 m. 4 f., Talira at 2 m. 4 f., Rajpoom at 4 m. 4 f., and Dekurakra at 5 m. 4 f. Cross river Chundlocco and 6 nullahs.					
		Kujooree .....	11	4	136	71	Excellent road through open and highly cultivated country.	Wells .....	Some shops; supplies also from adjacent villages.	A middling village. Pass Ubbalpoor at 2 m. 2 f., Bampoon at 3 m. 0 f., Bagwanpoor at 5 m., Arundakira at 7 m., and Keetulakra at 8 m. Cross 3 nullahs.					
		Sangode .....	15	0	151	71	Country as before; road very good in dry weather.	Plentiful .....	Bazar .....	A considerable town. At 1 m. 4 f. pass Dihole, Rajpoom at 3 m., Zungam at 4 m. 2 f., Boopakira at 8 m. 4 f., Gumbaira at 10 m., and Luchmepoora at 13½ m. Cross the Kala Sind at 9 m. 4 f., bed 450 yards wide and bottom of flat rock like pavement, banks cut into ravines. Water shallow during the fair season, deep and rapid in the rains. Cross also the Ojar river and 3 nullahs.					
		Bopour or Bhopo-war. ....	9	4	161	31	Country open and highly cultivated; road very good.	Plentiful .....	Abundant .....	A middling village. Pass Toolam at 3 m. 2 f., Boorda at 3 m. 4 f., and Kumpoon, a large village, at 5 m. Hills to southward at a distance. Cross 3 nullahs.					
		Bakulpoor .....	9	0	170	31	Road over a broken undulating country, pretty well cultivated.	Wells .....	From neighbouring villages.	Small village. Hills on right. Pass Labance at 9 m. 2 f.; Ance at 5 m.; Amico at 6 m.; and Kureen at 7 m. Cross one nullah.					
		Koondoo .....	12	0	183	11	Road over a rough broken country, at first tolerably well cultivated, but latterly barren and cut up by ravines. Bad near the river.	Plentiful .....	Procureable .....	A large village. Mount hills to the right or S. near the village. At 3 m. 2 f. pass Bokalar, Kureen at 7 m., and Dandoor at 11 m. At 4 m. 4 f. cross the Farooce by a tolerably good ford, bed 250 yards wide, with pebbly and rocky bottom; banks steep, and the descent and ascent not abrupt, but road bad over rocky broken ground. Cross also 6 nullahs.					
		Carried over .....	...	...	183	11									

Agent to the Governor-General for Rajpootana, at Ajmere.

Authorities		Name of Place	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
			Miles	Perchages	Miles	Perchages				
Military	Civil									
General Office Commanding Mhow Division, Mhow	Agent to the Government The Europeans, at Mhow	Brought over			18 1/2	14				
		Chopra	12	4	19	54	Talwar to road over to Wells open and pretty well cultivated country		Water	A large village. Hills on right at some times and forest above to village. Pan Mowat at 1 m S, Kanna at 4 m, Ghara Iskhan at 5 m. Koywar at 7 m and Boshtu at 8 m. The Underwar river is crossed on the W of Koywar, and Arwa (the last shary between Katta and Pungawa) crosses Chopra. Its bed is about 150 yards wide but rocky steep banks and some rapid streams. Cross also 1 mile
		Bohane or Bohana	8	4	204	11	Road rough and bad over a broken coun- try mostly covered with low jungle and cut up by ravines.	By the river	Scarcely any water to be collected	A small village. Pan Dardaswar at 4 m S. At 5 m. a break in a low range of hills and at 6 m. Ghathia. Cross 3 miles on the margin and the river Dardaswar at the end of it by an easy bad sandy bed.
		Distances	8	0	212	14	Road tolerable	Wells	Probable	A small village. At 1 m. 4 / Distia. At 6 m. above it. At 7 m. on the Pungwa river, Birkhale crosses after heavy rain. Country cultivated with low hills.
Physical Features General Office Commanding Gwalior Division, Mhow	Agent to the Government General for Central India, at Mhow	Bohane B I T	18	0			Road for 12 m. very bad and stony	Abundant	Abundant	A small outcrop. At 4 m. pass Mowat pass at 3 m. (cross) at 14 m. Kanna Country jagged with low hills.
		Total			228	14				
		St. Mary's								

TABLE No. 221

FROM NUSSEERABAD TO GWALIOR (MOHAR CANTONMENT), BY KUROWLEE

GENERAL INVESTIGATION

Authenticity		Number of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stage	Total					
Military	Civil		Miles	Fathoms	Miles	Fathoms			
General Officer Commanding Mysore Division, Mysore	Agent to the Government General for Negotiations at Mysore.	Unresearched to Ramay P.	10	8	10	8	Road over stony and undulating, country	Wells and a tank. Promontory	A small town on the bank of a large tank; country open (S.W.) 4 1/2 m. 6 f. Mysore. At 8 m. 4 f. across the Deccan river. At 7 m. 7 f. the side. Country open and cultivated.
		Gedim or Gedimere	7	8	17	8	Fretty good, country undulating	Tank and wells	A small village. Fine Mysore at 8 m. and hospital at 8 m. Cross at 11 m.
		Shree Lanka.	11	8	28	1	Road generally good but stony and hilly towards the end of the stage. Country open	Abundant	A town, surrounded by a wall and tank. Fine Mysore at 8 m. 4 f. Jorah at 8 m. 6 f. and Pandura at 8 m. 8 f. Cross 8 miles.
		Granater	12	0	41	1	Good road	A well and a tank	A small village. Country open and cultivated.
		Carried over			41	1			

Authorities.		Distance.				Road and Soil.	Water.	Supplies.	Remarks.
Military.	Civil.	Names of Stages.		Stages.	Total.				
				Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Mhow Division, Mhow.	Agent to the Governor-General for Rajpootana, at Ajmere.	Brought over.....	...	41	1				
		Diggoo .....	7 0	48	1	Good road .....	Plentiful .....	Plentiful .....	A considerable town surrounded by a mud wall. Pass Deemes about half way.
		Nownee .....	10 0	58	1	Ditto .....	Wells and a tank .....	Must be collected.	A village of 126 houses. Pass Sora, a considerable village, at 6 m. Cross a nulla.
		Dangarkul .....	11 0	69	1	Ditto .....	Plentiful .....	Procureable .....	A large village. Pass Chowganat at 3 m., Banwara at 8 m., Baza at 7 m. Cross the Manabee river at 8 m.
		Jullao .....	13 4	82	6	Ditto .....	Ditto .....	Plentiful .....	A fortified town of considerable extent. Pass Chukians at 3 m., Kundowat at 3 m. 4 f., Chorpura at 4 m. 4 f., and Nownee at 6 m. 4 f.
		Gangwara .....	13 0	94	5	Ditto .....	Wells .....	From Bounlee 4 m. NE.	A village of about 100 houses. Pass Byroopora at 1 m., Jamrolee at 7 m. 6 f., and Beesola at 9 m. 6 f. Cross river Dahil at 8 m.
		Chor Mularna .....	18 0	107	5	Ditto .....	Good water from wells and a pond .....	Procureable, but fuel scarce.	A middling village surrounded by a mud wall and ditch. Cross one nulla.
		Meenapara .....	16 2	123	7	Road good, excepting in crossing the river, and the last 1 1/2 m. which is heavy.	From wells and the Banben river.	Source, and must be collected.	A small village. Cross the dry sandy bed of the Moreel, which is very heavy, and cross the Banben river at 14 m. 2 f., 130 yards wide, banks sloping, bed moist sand, small rill of water in dry season. Hills right at 8 m. distance. At 8 m. 6 f. pass Butoda, a small village surrounded by a dilapidated mud wall and ditch, wells, but supplies scanty.
		Khoochalgarh .....	8 7	131	6	Road sandy and heavy for carts.	Plentiful .....	Procureable .....	A town enclosed by a mud wall and ditch. At 6 m. 7 f. cross a nulla, 30 yards wide, with low banks and sandy bed, dry for 8 months. At 8 m. 1 f. cross another nulla, low banks and a clayey bed, with water in pools.
		Mahomedpur .....	8 4	140	2	Road indifferent .....	Wells .....	Source, and must be collected, or brought from Kerowlee.	A small village. Country scantily cultivated.
		Kerowlee .....	12 0	152	2	Road pretty good, with the exception of the last 2 m., when it passes the ravines.	Abundant .....	Abundant ..	A town enclosed by a wall, and surrounded by difficult ravines to an extent of nearly 2 m. Encamping ground near the old Residency.
		Bangdar .....	9 0	161	3	Road good for first 2 m. through ravines, remainder stony and uneven.	Good and plentiful from wells.	From Kerowlee, or Mundrel.	A middling village. Cross 3 nullas. Country slightly hilly.
		Mandrel .....	13 0	174	2	Road very bad for the first 5 1/2 m. over hills and through ravines for the Needar Pass.	Plentiful .....	Plentiful .....	A small fort on a hill, and a walled town. Pass a chowkee on the top of the Needar. Pass at 7 m., where there is a tank, and a hunting seat of the Kerowlee Raja; and at 9 m. reach the village of Needar.
		Bowrie or Bawlie .....	7 4	181	0	Road narrow and bad through ravines for the first 5 1/2 m.	From a well .....	None .....	A small village. Cross the Chumbul in this march by ferry; several small boats here. Pass Uttar at the head of the ravines, through which the road passes in the first 5 1/2 m.
		Kalawlee .....	10 4	191	3	Road good .....	Plentiful wells.	From Procureable ..	A moderate sized village. Pass Kaimarce, Peepurganm, Balree, and Raspoora.
		Kylaras .....	9 4	201	0	Ditto .....	Wells .....	Procureable after due notice.	A considerable village. Pass Sawal and Najpore, and cross the Kowaree river by a ford at the last village.
				Carried over .....	...	201	6		

Brevet Major-General, Officer Commanding Gwalior District, Gwalior.	Agent to the Governor-General for Central India, at Indore.	Brought over.....	...	41	1				
		Diggoo .....	7 0	48	1	Good road .....	Plentiful .....	Plentiful .....	A considerable town surrounded by a mud wall. Pass Deemes about half way.
		Nownee .....	10 0	58	1	Ditto .....	Wells and a tank .....	Must be collected.	A village of 126 houses. Pass Sora, a considerable village, at 6 m. Cross a nulla.
		Dangarkul .....	11 0	69	1	Ditto .....	Plentiful .....	Procureable .....	A large village. Pass Chowganat at 3 m., Banwara at 8 m., Baza at 7 m. Cross the Manabee river at 8 m.
		Jullao .....	13 4	82	6	Ditto .....	Ditto .....	Plentiful .....	A fortified town of considerable extent. Pass Chukians at 3 m., Kundowat at 3 m. 4 f., Chorpura at 4 m. 4 f., and Nownee at 6 m. 4 f.
		Gangwara .....	13 0	94	5	Ditto .....	Wells .....	From Bounlee 4 m. NE.	A village of about 100 houses. Pass Byroopora at 1 m., Jamrolee at 7 m. 6 f., and Beesola at 9 m. 6 f. Cross river Dahil at 8 m.
		Chor Mularna .....	18 0	107	5	Ditto .....	Good water from wells and a pond .....	Procureable, but fuel scarce.	A middling village surrounded by a mud wall and ditch. Cross one nulla.
		Meenapara .....	16 2	123	7	Road good, excepting in crossing the river, and the last 1 1/2 m. which is heavy.	From wells and the Banben river.	Source, and must be collected.	A small village. Cross the dry sandy bed of the Moreel, which is very heavy, and cross the Banben river at 14 m. 2 f., 130 yards wide, banks sloping, bed moist sand, small rill of water in dry season. Hills right at 8 m. distance. At 8 m. 6 f. pass Butoda, a small village surrounded by a dilapidated mud wall and ditch, wells, but supplies scanty.
		Khoochalgarh .....	8 7	131	6	Road sandy and heavy for carts.	Plentiful .....	Procureable .....	A town enclosed by a mud wall and ditch. At 6 m. 7 f. cross a nulla, 30 yards wide, with low banks and sandy bed, dry for 8 months. At 8 m. 1 f. cross another nulla, low banks and a clayey bed, with water in pools.
		Mahomedpur .....	8 4	140	2	Road indifferent .....	Wells .....	Source, and must be collected, or brought from Kerowlee.	A small village. Country scantily cultivated.
		Kerowlee .....	12 0	152	2	Road pretty good, with the exception of the last 2 m., when it passes the ravines.	Abundant .....	Abundant ..	A town enclosed by a wall, and surrounded by difficult ravines to an extent of nearly 2 m. Encamping ground near the old Residency.
		Bangdar .....	9 0	161	3	Road good for first 2 m. through ravines, remainder stony and uneven.	Good and plentiful from wells.	From Kerowlee, or Mundrel.	A middling village. Cross 3 nullas. Country slightly hilly.
		Mandrel .....	13 0	174	2	Road very bad for the first 5 1/2 m. over hills and through ravines for the Needar Pass.	Plentiful .....	Plentiful .....	A small fort on a hill, and a walled town. Pass a chowkee on the top of the Needar. Pass at 7 m., where there is a tank, and a hunting seat of the Kerowlee Raja; and at 9 m. reach the village of Needar.
		Bowrie or Bawlie .....	7 4	181	0	Road narrow and bad through ravines for the first 5 1/2 m.	From a well .....	None .....	A small village. Cross the Chumbul in this march by ferry; several small boats here. Pass Uttar at the head of the ravines, through which the road passes in the first 5 1/2 m.
		Kalawlee .....	10 4	191	3	Road good .....	Plentiful wells.	From Procureable ..	A moderate sized village. Pass Kaimarce, Peepurganm, Balree, and Raspoora.
		Kylaras .....	9 4	201	0	Ditto .....	Wells .....	Procureable after due notice.	A considerable village. Pass Sawal and Najpore, and cross the Kowaree river by a ford at the last village.
				Carried over .....	...	201	6		

Authorities		Routes of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles	Pathways				
Military	Civil		Miles	Pathways				
Bureau, Pudukottai. Officer Commanding Gombak District, Minor. Agent to the Government-General for Ceylon, India, at Jalore.		Brought over		281 0				
		Mirkowah	9 0	215 0	Road good	Plentiful	Plentiful	A good road village on the right bank of the Sut river. Much is crossed. Pass Dargah pur and Kauria.
		Bombaria	12 4	227 4	Dois	Dois	Dois	A large village. Pass Jaura, A Bapur—a large village and house—and Kauria and cross the Sut river.
		Palasur	10 0	237 4	Road good at first but very rough and through jungle	Dois	Plentiful but not too much	A middle village. Pass Kauria and (Sut).
		Water Commission P. T.	12 4		Road good	Abundant	Abundant	A large settlement.
		Total		245 8				
		25 March						

TABLE No 222.

## FROM NUSSEHRABAD TO JHALRA PATTUN, BY BOONDED AND KOTA

GENERAL DIRECTION NR.

Authorities		Routes of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles	Pathways				
Military	Civil		Miles	Pathways				
General Officer Commanding Khair Division, Alwar. Agent to the Government-General for Hyderabad, at Jalore.		From Nussurabad to Kota.		118 1/2				Vol Table No 220
		Palasur	12 4	130 4				Vol Table No 221 (1)
		Mirkowah	17 0	147 4				
		Bombaria	12 4	160 8				
				182 2				A large village overlooking ground ND. At 4 f. Dargah (Sut) across the Sut river. pass At 1 m. 1 f. Dargah. At 2 m. 2 f. Palasur. At 4 m. 1 f. Dargah. At 5 m. Bombaria. At 6 m. 1 f. Dargah. At 7 m. 6 m. 1 f. Dargah. At 8 m. 1 f. Dargah. At 9 m. 1 f. Dargah. At 10 m. 1 f. Dargah.
		Jhalra Pattun	12 4					A well town, overlooking ground to the N at 2 m. At 1 m. 1 f. Dargah. At 2 m. 2 f. cross a low hill covered and almost gradual. At 3 m. 1 f. Dargah. At 4 m. 1 f. Dargah. At 5 m. 1 f. Dargah. At 6 m. 1 f. Dargah. At 7 m. 1 f. Dargah. At 8 m. 1 f. Dargah. At 9 m. 1 f. Dargah. At 10 m. 1 f. Dargah.
		Total		171 1/2				
		14 March						



TABLE No 223.

## FROM NUSSEERABAD TO JOODPOOR.

GENERAL DIRECTION W

General Officer Commanding Mysore Division, Mysore

Agent to the Governor-General for Nagpur, at Ajmer.

Authorities		Name of Village	Distance				Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stages		Total										
			Miles	Fathoms	Miles	Fathoms									
		Nusseerabad to Mangalore B	14	0	14	0	Made road	Wells	8 shops	80 houses Government Police station in afternoon and travellers everywhere occupying ground N. At 8 m S of B there 80 houses, 1 shop occupying ground SW					
		Nagpur	8	0	22	0	Cart road	10 wells		150 houses					
		Shaw or Bhat	18	4	40	4	Do do	20 wells		200 houses					
		Bhat	18	0	58	4	Good good	Very good from wells and a tank	Pump for water from Akandapur 1 m distant	80 houses Good occupying ground W					
		Lokowise	10	4	68	0	Do do	80 wells and large tank	Supplies and large pump available	150 houses and small stone fort. Occupying ground S. Extensive wheat cultivation all round. Fine walled village of Bahadur at about 4 m., at 8 m Kates and at 10 m Bhatkitya.					
		Pachik	10	4	80	4	Do do	10 wells and large tank	Plentiful also forage	200 houses. Occupying ground E. A great deal of cultivation around. Cows 8 miles					
		Kupura	13	4	93	0	Good good and generally	Abundant from 4 wells and a large tank	Do do	300 houses. Occupying ground S. At 2 m S of Kupura some rice and 1 well and at 4 m S of Kupura village of Barve with a tank.					
		Bhoompur	10	2	103	2	Good heavy and sandy for about 1/4 m. then good.	Breakfast from 3 wells but very good from a tank	Supplies and large pump available	80 houses occupying ground N. and some cultivation around					
		Bhat	18	4	121	6	Good good, occasional heavy	3 wells water plentiful, but good and also from a tank close by	Plentiful also forage	Occupying ground good N of village					
		Joodpur P	7	0	128	6	Generally good 4 m. heavy	Int. abundant	Abundant	Cows one well. Fine Mandas a village with tank water					
Total					128	6									
10 Mares															

This route was followed by the 3rd Troop Bombay Horse Artillery in March 1890



[illegible]



TABLE No. 226.

FROM NUBBERABAD TO SHAHJAHANPOOR, BY BOONDHE, KOTA, JHALRA  
PATUN, AND AUGUR.

GENERAL DIRECTION, SE.

Authorities.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Parangues.	Miles.	Parangues.		
General Officer Commanding Madras Division, Madras.	Agent to the Governor-General for Hyderabad, at Ajmer.	From Nubberabad to Ugra.	—	81 01	—	—	—	File Table No. 119.
		Kota	84 7	118 72	—	—	—	File Table No. 120.
		Paikpur	13 5	132 41	—	—	—	File Table No. 121. (1)
		Makandarra	17 6	149 31	—	—	—	
		Jhalra Patun	25 8	174 39	—	—	—	File Table No. 122.
		Byppor	13 0	184 31	Country cart track, well watered.	Madras	—	A large village; occupies H. At 2 m. S. of Chaudhri Khore. At 7 m. Madras. At 8 m. Budha. At 9 m. Bhal. At 10 m. 4 f. Dural. At 11 m. S. of Dural. Country open and cultivated, this jungle in parts.
	Agent to the Governor-General for Central India, at Lucknow.	Mahuli P.	12 0	197 31	Ditto	Ditto	Ditto	A large village; occupies ground N or S of 3 m. S. of Budha. At 4 m. S. of Kote Tolah. At 5 m. S. of Chaudhri. At 6 m. S. of Budha. At 7 m. S. of Durgam. At 8 m. S. of Budha. Country open.
		Boondhe	18 0	215 31	Ditto	Abundant	Abundant	A large walled village; occupies H. or S. At 3 m. Khatkhat. At 4 m. S. of Khatkhat. At 5 m. S. of Durgam. At 6 m. S. of Durgam. At 7 m. S. of Durgam. At 8 m. S. of Durgam. At 9 m. S. of Durgam. At 10 m. S. of Durgam. At 11 m. S. of Durgam. At 12 m. S. of Durgam. Country open and cultivated.
		Ayur Chaudhary P.	18 3	233 71	Ditto rough.	Ditto	Ditto	A large walled town to the N. of the cantonment. At 3 m. Maro Khore and Alha. At 4 m. S. of Khatkhat. At 5 m. S. of Khatkhat. At 6 m. S. of Khatkhat. At 7 m. S. of Khatkhat. At 8 m. S. of Khatkhat. At 9 m. S. of Khatkhat. At 10 m. S. of Khatkhat. At 11 m. S. of Khatkhat. At 12 m. S. of Khatkhat. Country hilly and uncultivated and covered with thick jungle.
		Khatkhat	11 3	245 12	—	—	—	File Table No. 123. (1)
		Durgam	10 04	255 8	—	—	—	
		Shahjahanpur	10 01	265 3	—	—	—	
		Total	—	265 34	—	—	—	
		At Khatkhat.	—	—	—	—	—	



Authorisation		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles.	Furlongs	Miles.	Furlongs		
General Officer Commanding Poona Division, Poona.	Collector at Bangalore	Brought over		56 7				
		Burns Road Railway Station	14 7½	110 8½	Good made road bridged	Wells and river	Barrel shops	Koorbookee wares, 100 houses, 6 shops as 1 kilometre short 4 f from the Railway Station good outcropping ground between the railroad and river At 10 m. 2 f Ached, 50 houses 2 shops At 12 m. 8 f Koorbookee, 100 houses 2 shops
General Officer Commanding Poona Division, Poona.	Collector at Bangalore	Bedina	8 4½	119 3½	Do do	Same river	2 shops	200 houses, outcropping ground V At 7 m. 1½ f Pappa, 200 houses, 2 shops At 5 m. 2 f across the Bedina river (bridged)
General Officer Commanding Poona Division, Poona.	Collector at Bangalore	Barve P	12 8½		Do do	Falls and wells	Abundant	A large town with dharmashala and Post Office outcropping ground W At 4 m. 4½ f Warea 11 houses At 7 m. 6 f Kharatra, 200 houses 1 shop At 10 m. 1 f Alapuri, 10 houses
		Total		182 0½				
		18 Marathas						

Note.—The Post Office at Poona is 1 m. 8½ f NW from the Gunturam Church the total distance from the Post Office is 182 m. 4 f

TABLE No. 228

## FROM POONA TO BERAPOOR, BY JEEJOOREE, PHULTUN, AND PUNDURPOOR.

CENTRAL DIVISION, RS

Authorisation		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles.	Furlongs	Miles.	Furlongs		
General Officer Commanding Poona Division, Poona	Collector at Poona	Poona Gunturam (District to Warkur)	8 2	9 2				Table No. 73
		Warkur	9 0½	17 2½				
		Jagpur	9 8	27 0½				
		Warkur bridge (Haw)	14 2	41 2½				
		Phultra B P	10 8	50 0½	Tolerable cart road but much deteriorated by sun	Abundant	Abundant, mostly beer on Sundays	
	Collector at Bangalore	To Pandurpoor	60 0½	110 1½				Table No. III (1)
		To Beraapoor	60 7½					Table No. 23
		Total		181 1				
		10 Marathas						





## REVISED TABLE No 220

POONA TO SHEWNDY, BY KHANDALLA, PANWELL, DYSIR-CHAPADA AND KOLA

GENERAL DIRECTIONS—NW

General Officer Commanding Poona Division, Poona.

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stage										
			Miles	Percentage									
Collector of Poona		St. Mary's Church, Poona to Nagre	13	52	Country and road during dry weather over red and black soil	Abundant	Abundant	Table Revised Table No 220					
		Wargan	10	82									
		Karve	11	1									
		B	7	62									
		Khandalla R. P.	14	1									
		Wandul	13	62									
		Panwell B. P.	11	13									
		Dysir-Chapada	11	82									
		Kolha P. T.	11	82									
Collector of Poona													
Collector of Poona													
Collector of Poona													
Collector of Poona													
Collector of Poona													
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Administration		Names of Places	Distance		Road and Soil.	Water	Supplies	Remarks	
Military	Civil		Stages	Total.					
					Miles	Postage	Miles	Postage	
General Officer Commanding Poona Division, Poona.		Collector at Poona.	Brought over		11	05			
			From the Mool river to Anzhar.	18	0	00	13		A small village 2 bachelors to the left; an outcrop ground on the E. bank of the Mool river 100 yards W. the last greatly looks away; a flying bridge in the river. At 8 m. S of top of Akbar Khind. At 6 m. 7 1/2 / foot of descent easy. At 7 m. 7 1/2 / across Khar river 50 yards wide and steep banks easy. At 8 m. 2 1/2 / Bet 125 houses 8 steep, water. From Khar river At 11 m. 3 / top of Ghatai Khind, down at easy. At 12 m. 3 1/2 / Ghatai 20 houses, 2 at top 1 bachelors to left.
		Collector at Ahmednagar.	Ahmednagar -	16	01	00	54		50 houses and a small town. good occupying ground N and S. At 5 m. 1 / top of Purna plant short easy descent. At 5 m. 1 1/2 / Mahabhar 75 houses 3 steep 1 well. At 7 m. 0 1/2 / Kharabha a small village 3 bachelors to right. At 8 m. 0 1/2 / top of Bhamburda At 10 m. 8 / foot of Bhamburda down descent easy. At 11 m. 0 1/2 / Giddan 70 small villages 3 bachelors to left.
			Bengurich P.	5	01	00	1		A large village, 1 000 houses with Collector's bungalow at the junction of the Purna and Mahabhar rivers good occupying ground to the N. At 4 m. 1 1/2 / across the Purna river 210 yards wide (bed sandy); banks easy; a flying bridge in the river.
			Shankar	11	04	00	03		100 houses; good occupying ground E. The road leads to Khar (some of here to the right. At 6 m. 4 1/2 / across a well and well. At 7 m. 1 / ascent of Khar plant common. At 7 m. 7 1/2 / top of Khar plant ascent easy.
			Baner 1	13	1	113	74		A small well town good occupying ground NW At 3 m. 1 1/2 / down (steep) 75 houses 4 steep 1 well. At 4 m. 0 1/2 / Wate 50 houses. At 5 m. 1 1/2 / Wate 60 houses. At 11 m. 4 1/2 / across the river (bedged). At 11 m. 4 1/2 / across Banerwadi river (bedged).
			Blach	5	74	100	04		500 houses good occupying ground E. and W. At 0 1/2 / top of a short ascent, easy. At 3 m. 0 1/2 / top of Baner plant, easy and short ascent. At 4 m. 0 1/2 / foot of descent, easy.
			Deshkar: Deshmukh Quarter Guard.	6	01				70 m. Table No. 26.
			Total			180	4		
			14 Marcho.						
General Officer Commanding Bombay Division, Bombay.		The direct road from Baner to Deshkar by the country road track is as follows:-							
		To Baner			111	76		As above	
		Deshkar Deshmukh	13	8				Table Table No. 26	
		Total			124	24			
	11 Marcho.								

TABLE No. 231.

## FROM POONA TO JOONNER, BY CHAKUN AND NARRAINGAUM.

GENERAL DIRECTION, N.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage.	Total.						
Military.	Civil.		Miles.	Furlongs.						
			Miles.	Furlongs.						
General Officer Commanding Poona Division, Poona.	Collector at Poona.	From Poona to Narraingau.	...	...	47	2½	.....	.....	Vide Table No. 230.	
		Joonner Fort (west of the town). P.	8	7	...	...	Made road .....	Abundant, from wells, tanks, and Kooner river.	Abundant ...	A walled town and fort on the Kooner river, the hill fort of Sownerree is 1½ m. to the SW. Pass for 2 furlongs through the town of Narraingau. At 2 m. 3 f. pass Arree, 80 houses, on the Maan river. Country cultivated.
		Total.....	...	...	55	1½				
		5 Marches.								

TABLE No. 232.

## FROM POONA TO MAHABLESHWUR, BY THE KATRUZ AND KAMATKEE GHATS.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stage.	Total.					
			Miles.	Furlongs.					Miles.
Military.	Civil.								
General Officer Commanding Poona Division, Poona.	Collector at Poona.	Poona (Cantonment Church) to Khair E. G.	14	1½	.....	.....	.....	.....	
						14	1½	Road made. Rivers & wells mills bridged and drained.	3 shops, and 75 houses and a chowree on the right bank of from Sowera- poor a large village 4 furlongs west.
		Carried over...	...	...	14	1½			

Authority		Extent of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Perchages	Miles	Perchages				
General Officer Commanding Force, Dardar, Looe	Collector at Poona	Brought over			14	14				
		Kilwa E G	11	4	25	18	Road made. Rivers L. W. falls and wells mules bridged, and carried	8 stops	300 houses, a churchman and a good churchman for travellers. Encamping ground high 8 miles W. At 8 m. 1/2 / across 80 houses, 8 stops, and a good churchman about 4 miles on right. At 8 m. 3/4 / Encephalo, 80 houses 2 stops and a churchman and the road led to Fort Collins. Distance of to U = 10.	
	Collector at Bagdad	Tarapur E G	11	14	26	24	Ditto ditto	Ditto	3 stops	80 houses and a churchman on the left bank of the Mangrove river. At 10 m. on the right bank, encamping ground W. At 10 m. 5/4 / across a small village. At 12 m. 1/2 / across the River river (bridged). At 12 m. 4 / road to Munder Deo branches off to right. At 12 m. 1/2 / road to Munder Deo. At 4 m. 4/4 / across a large village. 80 houses, small house and travellers. Incep- ture.
		Talla E G	6	05	32	6	Ditto	Ditto	1 stop	50 houses and a temple N. E. of the village and on a churchman. Encamping ground N. E. At 8 m. 4/4 / ascent of the Kumbhar ghant encampment. At 12 m. 8/4 / top of ghant and road to Munder Deo branches off to right. At 12 m. 1/2 / end of descent of ghant.
		Wani B F	8	6	40	6	Ditto	Abundant	Abundant	A town of 2,500 houses with churchman and travellers. Inception. Encamping ground near the Inception. At 8 m. 3 / across 180 houses. 4 stops. Churchman travellers people and Post office here leave the road to Bagdad and turn west.
		Pandhary B F	2	14	42	41	Ditto	Ditto	3 stops	80 houses churchman travellers Inception and Post office. At 8 m. encampment the west of the Inception ghant. At 8 m. 4/4 / churchman 80 houses.
		Mahabharat, Church B F	11	84			Ditto	Ditto	Abundant	A large castellated station with several Government buildings for a 1st Officer. The village and temple of Mahabharat at the source of the Kishan river are about 4 m. from the Church. At 8 m. 4/4 / churchman and well. At 7 m. 8/4 / across 80 houses. At 7 m. 4 / the 3 m. watermill and the Government Ordnance Plantation to the left. At 8 m. 8/4 / across the Road.
Tala 7 Miles			7	14						

Here—Encampment encamping ground situated east of Kilwa and Tala.

(Munder Deo)

TABLE No. 233.

## FROM POONA TO MALLIGAUM, BY CHAKUN AND SUNGUINAIR.

GENERAL DIRECTION, NE.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.		Poona to Sungum- nair.	...	88	1	.....	.....	Vide Table No. 232.
		Tallegaum .....	12	0	100	1	A country road, tolera- ble for carts but the last 4 m. bad.	Good, from nulla. Abundant ... Encamping ground low and confined.
		Poyagaum .....	12	0	112	1	A good country road all the way.	Ditto ..... Ditto ... Encamping ground confined. Fine tamarind trees near the nulla.
		Kopergaum..... R.P.	8	0	120	1	Ditto .....	Abundant ..... Ditto 20 300 houses, dharmshala, travellers' bungalow, shops, weekly bazar on Mondays. Cross the Godavary river at the end of the stage, 190 yards wide, banks low, bed sandy, ford- able in November. A large boat here during the rains.
		To Malligaum.....	50	1½	...	...	.....	Vide Table No. 23.
		Total.....	...	170	2½	...	...	...
		15 Marches.						

NOTE.—The distance by rail from Poona to Murrar is 214½ miles and Murrar to Malligaum by road 24½ miles.

TABLE No. 234.

## FROM POONA TO MANDER DEO, BY KATRUZ GHAUT AND SAROLA BRIDGE.

GENERAL DIRECTION, SW.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Stage.	Total.				
Military.	Civil.		Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.		Collector at Poona.	From Poona to Kik- war.	...	25	5½	.....	Vide Table No. 233.
		Collector at Bhatnagar.	Mander Deo .....	17	3	...	Cleared cattle road ... Abundant ...	Procumbent, from Waco and Bhore.
		Total.....	...	42	0½	...	...	A small village on the top of the hill. At 1 m. 8½ f. Sarola. At 2 m. 1½ f. cross the Waco river, (bridged). At 2 m. 4 f. leave the made road to Bhatnagar and turn to right. At 2 m. 0½ f. Mander road to Bhore branches off to the right. At 3 m. 4 f. Sindy Warra, 60 houses. At 3 m. 11 f. Mander ascend. At 3 m. 2½ f. Sindy khind. At 3 m. 8 f. Gho- tal khind. At 11 m. 2 f. Utteet khind. At 13 m. Bhanger waco, a few huts.
		3 Marches.						





Authorities		Names of Stages	Distances.		Road and Soil	Water	Supplies	Remarks.	
			Stages	Total					
Military	Civil		Miles	Package	Miles	Package			
General Officer Commanding Poona Division, Poona	Collector of Sahyadri	Brought over			43	4			
		Chandrapur	14	21	58	51	Tolerable and road in dry weather but nearly impassable during the rains.	Tolerable river and 10 sheep	
	Collector of Chikla at Ailing	Nagotina B P	17	21			Ditto	Trunk walls, and abundant river	
									A large village on the banks a navigable river, with a bungalow bungalow. From 4 small hamlets to Orinda or Orinda, 80 houses at 2 m 21 f, and some more hamlets to Nakh gao, 80 houses, at 11 m 2 f, and Chik see, 10 houses, at 18 m 61 f.
		Total 7 Marphes			80	24			

TABLE No 235. (3)

## FROM POONA TO NAGOTINA, BY THE GARHOWLOTH GHAT.

## GENERAL DESCRIPTION, &amp;c

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
			Stages	Total					
Military	Civil		Miles	Package	Miles	Package			
General Officer Commanding Poona Division, Poona	Collector at Poona.	Poona (Orinda or Chikla) to Boon	10	21	10	21	Tolerable and road over undulating country	Wells and 3 wells, 1 sheep	80 houses, and good occupying ground. At 2 = 2 1/2 f from the Chikla, passing through the Orinda, across the Wellingford bridge at the Mangro of the Moira, on Moira river at 1 1/2 f the Orinda Island, — a mile out road as far as 6 1/2 f f. Pasha on left, 80 houses. At 6 = 4 f. Bama, 80 houses, 1 sheep, country open and undulating
		Power P	10	21	20	21	Ditto	Moira river and 100 sheep wells	A large village on the Moira river, Chikla side, and good occupying ground. At 4 = 2 1/2 f. Lowa, 100 houses, near the Moira river. At 7 = 3 f. Anikura, 40 houses, on the river. At 9 = 4 f. Derodoo, 80 houses, 1 sheep, country as before, but some jungle near Derodoo

180 houses, and good surrounding ground. At 2 m 21 f from the Orinda passing through the Orinda, over the W. Ghats bridge at the Bhangra of the M. and N. K. river at 2 m 1 f, the Orinda K. — a made cut road as far. At 5 m 4 f, P. on left, 80 houses. At 8 m 4 f, Bhangra, 80 houses, 1 sheep country open and undulating.

A large village on the Orinda river, Orinda, with good surrounding ground. At 4 m 21 f, Orinda, 100 houses, near the Orinda river. At 7 m 2 f, Orinda, 40 houses, on the river. At 9 m 4 f, Orinda, 80 houses, 1 sheep, country as before, but some jungle near Orinda.



TABLE No. 237.

## FROM POONA TO OORUN, BY THE BHOKE GHAT, AND PANWELL.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	REMARKS.	
			Stages.	Total.					
Military.	Civil.		Miles.	Furlongs.					Miles.
General Officer Commanding Poona Division, Poona.	Collector at Poona.	From Poona to Nig-roo .....	13	5½	13	5½	.....	.....	Vide Table No. 89.
		Wurgamm .....	10	5½	24	8½	.....	.....	Vide Table No. 23. (3)
		Karice .....	11	1	35	4½	.....	.....	Vide Table No. 23. (1)
		Khundala .....	7	5½	43	1½	.....	.....	
		Woundul .....	14	1	57	2½	.....	.....	
		Panwell .....	13	5½	70	0	.....	.....	
		Ooran P. ....	15	8	85	8	Road metalled and bridged.	Abundant .....	Abundant, 60A shops.
	Collector at Tanze.	Total.....	...	...	85	8			
		7 Marches.							

TABLE No. 238.

## FROM POONA TO PENN, BY THE BHOKE GHAT.

GENERAL DIRECTION, W.

Authorities.		Names of Stages.	Distance.				Road and Soil.	Water.	Supplies.	REMARKS.
Military.	Civil.		Stages.		Total.					
			Miles.	Furlongs.	Miles.	Furlongs.				
General Officer Commanding Poona Division, Poona.	Collector at Poona.	From Poona to Nigroo.....	13	5½	13	5½	.....	.....	.....	Vide Table No. 89.
		Wurgamm .....	10	5½	24	8½	.....	.....	.....	Vide Table No. 23. (2)
		Karice .....	11	1	35	4½	.....	.....	.....	} Vide Table No. 23. (1)
		Khundala .....	7	5½	43	1½	.....	.....	.....	
		Carried over.....	.....	.....	43	1½				

General Officer Commanding, Poona Division, Poona.

Authority.		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks.	
Military	Civil		Stage	Total					
			Miles.	Perchages.					
Collector of Customs at Aibang		Brought over							
		Tambalang	11	14	49	11		28 houses about 1 1/2 to the right, crossing N near the tank. At 1 m 3/4 the descent of the N is (flat) commences. At 5 m 3/4 N. approaches at the foot of the plain, a large village under and supplies abundant. At 7 m 1/2 there is a road to Fucra. At 7 m 7/8 there is a road to Fucra. At 8 m 5/8 there is a road. At 10 m 1/2 there is a road. At 10 m 1/2 there is a road.	
		Mangrai	9	8	64	01		100 houses crossing N on a ridge. At 7 1/2 m 1/2 there is a road. At 8 m 1/2 there is a road. At 8 m 1/2 there is a road. At 8 m 1/2 there is a road. At 8 m 1/2 there is a road.	
		From F	4	7				A large place, occupying ground NW is a village type. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road.	
		Total 7 Marches.			68	71			
Collector at Aibang		From Fuen to Fuen is as follows —							
		Fuen F	7	44	7	44		113 houses; good occupying ground NW is a village type. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road.	
		From Fuen to Wunee Bender							
		Wunee F	4	44	4	44		70 houses; occupying ground NW is a village type. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road.	
		From Fuen to Aien Bender							
		Aien	2	7	2	7		80 houses; occupying ground NW is a village type. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road.	
		From Fuen to Fucra							
		Aien	9	71	9	71		200 houses; occupying ground NW is a village type. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road. At 8 1/2 m 1/2 there is a road.	
Collector at Tuen.		Carried over							





TABLE No 241.

## FROM POONA TO SHOLAPOOR, BY INDAPUR.

GENERAL DIRECTION, IND.

Authorities		Names of Stages	Distances.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Furlongs	Miles.	Furlongs		
General Officer Commanding Poona Division Poona	Collector at Sholapur	From Poona (Cantonment Church) to Tamboree		86 7				vide Table No 237
		Aira	12 6	108 4	Muddy road	Abundant, from wells	Abundant shops.	Small village good ground. At 2 m 6 / past Yemgaon at 6 m 0 / Honey 20 houses and wells; at 7 m 5 1 / Abundant wells and at 8 m Warranah wells
		Havra	12 4	120 1 1	Do	Good from wells	Moderate	A small walled village good commanding ground. At 3 m 4 1 / past Marolimb a large village at 4 m 2 / Khajipal, large village with good supplies and a Collector's bungalow at 6 m 6 1 / Thakra Warranah and at 10 m 7 / Havra Chavara wells
		Mohol B P	6 4	126 5 1	Do	Abundant from wells	Moderate shops	At market town with travellers bungalow and post office At 6 1 / Chikhe 50 houses At 8 m Karkhe 14 houses 2 shops.
		Sevtilakur	2 6 1	128 6 1	Do			} vide Table No 23. (1)
		Sholapur Fort R P T	11 5 1					
		Total		160 7 1				
		14 Marches						

Note.—The distance by rail from Poona to Sholapur is 160 1/2 miles

From the Cantonment Church to the Railway Station at Poona is 1 m 6 /

From the Post Office to the Railway Station at Poona is 4 1 /

From the Cantonment Church to this Post Office at Poona is 1 m 5 1 /

From the Railway Station to Sholapur Fort is 1 m 5 1 /

Do do to the Railway Station at 3 m 2 /

TABLE No. 242

## FROM POONA TO SINGGARH.

GENERAL DIRECTION, NW.

Authorities.		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks	
Military	Civil		Stages	Total					
			Miles	Furlongs	Miles	Furlongs			
General Officer Commanding Poona District, Poona.	Collector at Poona.	From Poona Church to Singgarh.	18	7½	...	...	Clear road, narrow and road to the foot of the hill, the road a cattle track.	Abundant	Presumably from village below
		Total.....	..	..	18	7½			
		From Karim to Singgarh is as follows:—							
		Karim Church to Singgarh.	17	4½	...	...	Main road for ½ m. the road a cattle track, the road to the foot of the hill.	Abundant	Presumably from village below
		Total.....	..	..	17	4½			



TABLE No 243

## FROM RAJKOTI TO DIU BY BUGASARA,

GENERAL DESCRIPTION

General Officer Commanding Northern Division, Ahmedabad.

Political Agent at Rajkote.

Authentics.		Names of Stages	Distances		Road and Soil	Water	Supply	Remarks					
Military	Civil		Stage										
			Miles	Fathoms									
		Rajkote to Kotra	11	31	11	81							
		Kotra	10	4	21	71							
		Bandra	8	8	31	81							
		Bandra	10	1	41	11							
		Bandra (Bandra)	18	2	51	21							
		Bandra	18	5	61	01							
		Bandra (Bandra)	18	0	80	01							
		Varpar	10	4	80	41							
		Daheravadi River	16	7	101	81							
		Dahanu, or Dahanu	8	8	110	11							
		Tala	18	8	123	11							
		Corral river			123	11							
		</											

Authority.		Name of Region	Distances.		Road and Rail	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Percentage	Miles	Percentage		
General Officer Commanding Madras Division	Collected Agents as English.	Dranght over			120 11			
		Udumala	17 0		100 11			Head for 1812 and occupying a good deal of land.
								Very good river which never dries
								Plentiful
		Cough opposite Dun	1 0		140 11			Delio
								Abundant
								Abundant
		Total			120 11			
		18 March						

TABLE No 244

FROM RAJKOTE TO DWARKA, BY KAMBALLA.

GENERAL DISCUSSION, II

[illegible]

General Officer Commanding Northern Division, Alameda

Authorities		Stages of Stage	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Fathoms						
		Brought over			25	7 1/2				
		Alameda	10	8 1/2	35	8 1/2	Clear road, well marked	Abundant river	from stage	120 houses on the W bank of the Polgar river, good surrounding ground N. At 4 1/2 f across the Koppa river, 80 yards wide, bed stony. At 1 1/2 m 6 1/2 f across the Hanchappa river, 40 yards wide, bed stony. At 8 m 7 1/2 f across the Kaveri river, 50 yards wide, bed stony and sandy to Vennur 30 houses, 1 shop. At 4 m 8 1/2 f across a small 30 yards wide. At 8 m 7 1/2 f across another, 30 yards wide, bed mostly to Harropper 40 houses, 1 shop. At 9 m across the Koppa river, 80 yards wide, bed stony. At 8 m 8 1/2 f a large wall of good water. At 10 m 8 1/2 f across the Polgar river 70 yards wide, bed sandy and stony. Cross 6 small nullas in this stage. Country open.
		Burja	10	3 1/2	47	0 1/2	Very bad road, difficult for cart, soil mixed and hard	River and walls	3 shops	40 houses on the right of the road. The village of Mahan (50 houses, 4 shops) is on the left of the road. At 2 m 1 1/2 f across a nulla 80 yards wide, bed sandy, banks high, difficult for carts. At 8 m 8 1/2 f Mahayana, 40 houses. At 4 m 4 1/2 f Mahan 40 houses, 2 shops. At 8 m 1 1/2 f Mahan, 40 houses, 1 shop, and across the Bag river, 80 yards wide, bed stony, banks low, easy for carts. At 9 m 3 1/2 f across a nulla 15 yards wide. At 8 m 6 1/2 f across a small hill. Cross several small nullas in this stage. Country hilly on the right for 7 miles.
		Uy Khano	12	8 1/2	60	4	Country cart road, soil mixed	Abundant river	from stage, 1 shop, 100 acres from Lalpur 6 m S.W.	30 houses, surrounding ground N.W. At 1 1/2 f across the Polgar river, 15 yards wide, bed sandy. At 4 1/2 f across a nulla 30 yards wide. At 3 m 3 1/2 f across the Koppa river, 110 yards wide, bed stony, banks high, heavy for carts. At 3 m 3 1/2 f Koppa, 110 houses, 1 shop. At 8 m 4 1/2 f across a nulla 30 yards wide bed stony. At 7 m 6 1/2 f Poo Poo, 80 houses, 2 shops. At 8 m 4 1/2 f across the Koppa river, 30 yards wide, bed stony, easy for carts. At 11 m 1 1/2 f across a nulla 80 yards wide bed sandy. The road to Harropper branches off to the right. At 12 m 4 1/2 f across a nulla, 15 yards wide, bed sandy. At 13 m 1 f across the Mahan river, 300 yards wide, bed stony, banks high, difficult for carts. Cross 10 small nullas in this stage.
		Mala Ganga	12	8 1/2	72	1 1/2	Dist	Wells	None, from Mahapur about 3 m N.W.	50 houses, surrounding ground N. At 1 m 0 1/2 f across the Vennur river, 40 yards wide, bed sandy and stony. At 2 m 1 1/2 f across a nulla 15 yards wide. At 3 m 6 1/2 f across the Mahan river, 200 yards wide bed sandy, banks high, easy for carts. At 3 m 4 1/2 f across a nulla 15 yards wide, bed sandy and mostly, banks high difficult for carts. At 7 m 1 1/2 f Mahan, 50 houses, 1 shop, the road to Burja branches off here to the right. At 7 m 1 1/2 f across the Jagannatha river, 30 yards wide, bed stony. At 8 m 1 f across the Poo river, 35 yards wide, bed sandy. At 9 m 1 f across a nulla 30 yards wide. At 12 m 4 1/2 f across another nulla 30 yards wide. Cross 6 small nullas in this stage.
		Chennitha Nagga	11	7 1/2	85	1 1/2	Dist	Abundant	Abundant	A walled town with several discrepancies, good surrounding ground on the west bank of the Ganga river. Post Office. At 1 m 1 f across the Polgar river, 110 yards wide, bed stony and sandy. At 3 m 3 1/2 f Jannur, 80 houses, 1 shop. At 8 m 4 1/2 f Jannur, 30
		Carried over			88	1 1/2				

Political Agent at Maitivou at Rajahmundry

Antelopes		Name of Stage	Pasture				Road and Soil	Water	Supplies	Remarks					
Military	Civil		Stage		Total										
			Miles	Package	Miles	Package									
		Brought over			86	11				horses. At 6 m S. / over the Wabigo river 17 yards wide, bed sandy. At 7 m. 1/2 the road to Karamoos branches off to the right. At 11 m S. / cross the Chikoo river, 60 yards wide, bed sandy. Cross 6 miles in this stage from 80 to 86 yards wide, bed sandy and easy for carts; sandy open.					
		Neenahmoo	8	14	94	25	Country very good, no hills and well watered		1 sheep, 30 horses, good carrying ground. 80 ponies through the town of Karamoos at 15 / then cross the Chikoo river, 412 yards wide, bed sandy, banks low, easy for carts. At 4 m. 3 / a large tank of good water; cross 30 small ridges in this stage.						
		Griffin	11	81	105	41	None	River and wells	8 sheep	225 horses; good carrying ground. At 12 m 1/2 / h. / locusts, 40 horses, 2 sheep. At 4 m 3/4 / branch 80 horses 4 sheep. At 8 m cross a River 4 1/2 miles. At 17 m 1/2 / Tumbler or Kappoo, 80 horses, 1 sheep. At 11 m 3/4 / cross the Chikoo river 20 yards wide, bed sandy and easy, cross 6 small ridges in this stage.					
		To Dwyer Marsh road	87	81						7 1/2 Table No. 141					
		Total			190	82									
		13 March.													
There is a shorter route from Karamoos to Dwyer, as follows: --															
		Refuge to Karamoos by Wabigo	8	0	82	11	Good, good, sandy, no hills, soil blackish	Plentiful, wells	from 4 sheep, scarce	As above					
		Then	18	0	100	14	ditto	From river 100-8	1 sheep, standard.	70 horses; carrying NW					
		Georgi	8	0	108	14	Good, good, soil blackish, then before	Plentiful	5 sheep, sandy	150 horses; carrying NW. From Karamoos at 4 m. 80 horses; no supplies, water plentiful. At 6 m. 1/2 / locusts, 80 horses, supplies scarce; water from river. Velocity					
		Dwyer	8	0	116	14	Good, in dry season, across the River	None	8 sheep, sandy	75 horses and small lot, carrying NW.					
		Dwyer	7	41						80 horses; carrying W. From Georgi cross 8 m. of River a little sandy towards the end of the lot across from the tide about 1/2 m. but always possible					
		Total			185	41				7 1/2 Table No. 144					
		13 March.													
Another route to Karamoos by Neenahmoo, marched by a field detachment in September 1888 --															
		Refuge to Karamoos by Neenahmoo	12	0	80	8	Good, soil heavy			7 1/2 Table No. 145 (2)					
		Lochess	12	0	92	8	Karamoos	From river	Ditto	Small village, carrying ground rocky. Cross to river with steep banks difficult for carts.					
		Karamoos	13	0	105	8	None			Small village on the bank of a big river, carrying on the bank. Neenahmoo also a good healthy place, is 2 1/2 further on.					
		Total			105	8									
		8 March.													

TABLE No. 245

FROM RAJKOTE TO GOGO, BY SARDHAR, BABRA AND WURTAIZ.

GENERAL DIRECTION, SW

General Officer Commanding Ahmednagar Division ( Ahmednagar )

Authorities	Military	Civil	Names of Stages	Distances	Road and Soil	Water	Supplies	Remarks		
				Stages	Total					
				Miles. Percentage	Miles. Percentage					
General Officer Commanding Ahmednagar Division ( Ahmednagar )			Political Agent at Rajkot.	From Chaurpani to Gogoh Rajkote by Train or Road	8 54	8 54	Good road and black block	Abundant	8 shops	83 houses, 20 shops. At 1 m. 14/ across the Ahar river bed sandy. At 5 m. 1/ Tanks 50 houses, 1 shop.
			Barbar	7 54	17 54	Good made road	Canal and well	Abundant	1 shop	A small walled town, 20 houses, 1 shop. At 2 m. 14/ Tanks, 20 houses, 3 shops.
			Barbar	11 54	28 54	Do	Do	Do	Do	6023 houses, 20 shops. At 3 m. 14/ The main 80 houses. At 6 m. 24/ Tanks 401 houses, 7 shops.
			Katra	8 54	37 54	Do	Wells	Do	Do	810 houses on a low rocky hill with good and high surrounding ground. At 1 m. 71/ across the Kachhwar river. Tanks 140 and rocky. At 5 m. 1/ At 10 m. 20 houses 20 shops. At 5 m. 14/ Forward, 181 houses, 3 shops.
			Barbar	10 54	48 54	Do	Do	Do	Do	140 houses and 20 shops, good but dry surrounding ground. At 5 m. 24/ Unfavourable 140 houses, 3 shops. At 6 m. 4/ Chaurpani 200 houses, 3 shops.
			Do	16 54	64 54					
			Do	8 54	72 54					
			Barbar	18 54	90 54					
			Barbar	16 7	100 54					
			Barbar	18 72	118 54					
			Total		118 54					
			10 Marches							
General Officer Commanding Ahmednagar Division ( Ahmednagar )			Political Agent at Rajkot.	The route from Lohar to Wurtia is as follows —						
			Do	From Lohar to Wurtia	11 6	11 6	Good cart road, good tank and wells	Abundant	18 shops	181 houses, 20 shops. At 1 m. 14/ Lohar ward 60 houses. At 7 m. 24/ Wurtia 180 houses, 3 shops. At 8 m. 14/ Chaurpani, 50 houses, 3 shops. Cross the Kachhwar river near Loharward and the Chaurpani between Barbar and Chaurpani.
			Barbar	18 6	29 6	Do	Do	Do	Do	277 houses a walled town, 20 shops. At 5 m. 14/ Barbar, 60 houses, 3 shops. At 6 m. 24/ Lohar 20 houses, 3 shops. At 7 m. 24/ Lohar 20 houses, 3 shops. At 8 m. 14/ Barbar 20 houses and cross the Kachhwar river. At 10 m. 3/ across the Kachhwar river to Barbar 180 houses. At 11 m. 14/ Wurtia, 21 houses. At 12 m. 14/ across the Kachhwar river bed sandy, breaks over country on right hill.
			Barbar	18 6	47 6	Do	Do	Do	Do	
			Barbar	18 6	65 6	Do	Do	Do	Do	
			Barbar	18 6	83 6	Do	Do	Do	Do	
			Barbar	18 6	101 6	Do	Do	Do	Do	
			Barbar	18 6	119 6	Do	Do	Do	Do	
			Barbar	18 6	137 6	Do	Do	Do	Do	
			Barbar	18 6	155 6	Do	Do	Do	Do	
			Barbar	18 6	173 6	Do	Do	Do	Do	
			Barbar	18 6	191 6	Do	Do	Do	Do	

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Percentage.				
General Officer Commanding Northern Division, Ahmedabad.	Political Agent at Rajkot.	Brought over Western	8	25	Mud road, soil black	Abundant	40 sheep	480 houses, Ahmednagar and Collector's bungalows on the Nildhara river; camp W. of the bungalows. At 3 m. W. / E. pass 40 houses. At 7 m. W. / E. pass Ahmednagar 1 house on left and cross the Nildhara river
			18	72				
	Wago	18	72	Ditto			See Table No. 2 (1)	
			181					74
			Total 11 Marches					

TABLE No 246

## FROM RAJKOTE TO JAMNABAD BUNDER

## GENERAL DESCRIPTION BY

Authorities		Names of Stages.	Distances.		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage.	Total				
			Miles Percentage	Miles Percentage				
General Officer Commanding Northern Division, Ahmedabad.	Political Agent at Rajkot.	Refugee to Dahan		8.10	Good road.	Water from Rajkot river which never fails.	Mohan's shop	See Table No. 245
		Baram	8	0				
		Collected 1	18	0	Good road, black soil, and excellent riding, etc.	3 wells. 2 good shops.	2 small shops	A well known with an excellent bunder, at camp X near the wells. At 4 m. Dahan 78 houses. At 6 m. Wahan, 120 houses.
		Total		188				
		12 Marches						

TABLE No 247.

FROM RAJKOTE TO JOONAGHUR, BY GOUNDULL.

GENERAL DIRECTION, NY

General Office Commanding Northern Division, Amoy.

Amplitude		Number of Stages	Distances		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stage	Total						
			Miles	Package						
			Miles	Package						
		From Government Church Nephos to Rab'ah	13	0	13	0	Made road, and black, and red	Wells	2 sheep	126 houses, Government and private, on steeply ground 50' near the Government Church. At 4 m. 7' / a well. At 8 m. 7' / Public, 21 houses, 2 sheep. At 13 m. 2' / Nephos. Road from N. large and 4 small wells in the stage. Country open.
		Goodwill B F	11	64	24	64	Do to	River and wells	Abundant	A walked town with travellers' baggage, Government and Post Office. The residence of the Chief of Goodwill and the American Political Agent, good mountain ground near the travellers' baggage. At 4 m. 41' / a well. At 7 m. 27' / Goodwill, 21 houses, 1 sheep. At 8 m. 3' / across the Goodwill river (bridged). At 8 m. 64' / Nephos, 41 houses, 8 sheep. At 8 m. 64' / across the Nephos river (bridged). At 10 m. 5' / a well and temple. At 11 m. 1' / across the Goodwill river (bridged). At 11 m. 11' / road to the town on left. At 11 m. 41' / road to the Political Agent's baggage on right. Country open.
		Yampou	10	64	24	64	Do to	Wells	20 sheep	21 houses, - mountain ground near the Government. At 41' / road from the town just on left. At 3 m. 12' / Yampou or Jara, 21 houses, 20 sheep. At 5 m. 1' / Chochin, 2 sheep. At 7 m. 71' / a shower.
		Yampou, Travellers' baggage B F	5	24	29	7	Do to	River and wells	Abundant	A walked town with Government, Post office and travellers' baggage, mountain ground near the baggage on the banks of the Goodwill river. At 6' / across the Goodwill river, 20 yards wide, banks low, bad muddy. At 4 m. 41' / Goodwill or Patou, 102 houses, 2 sheep. At 8 m. 11' / Dattin chuan. At 7 m. 21' / across the Goodwill river 250 yards wide, bad muddy and rocky, banks low, bad during the rain. At 8 m. 24' / road to Government baggage off to the right. Crossed 25 small and 1 large wells in this stage.
		Chochin	6	64	30	61	Do to	Do to	20 sheep	111 houses, mountain on the banks of the Goodwill river. At 1' / road from the town of Yampou just on left. At 5 m. 11' / Yampou, 120 houses, 4 sheep. At 8 m. 41' / across the Goodwill river 23 yards wide, bad muddy. Crossed 1 large and 20 small wells in this stage.
		Yampou, Chochin, B F	5	41			Do to	Abundant	Abundant	A walked town with travellers' baggage and Post Office; the residence of a Chief. At 3 m. 64' / walked a small village. At 4 m. 4' / Yampou or Patou. At 4 m. 41' / a well. At 6 m. across the Goodwill river 25 yards wide, bad muddy. At 7 m. 1' / road to a baggage on left. At 7 m. 71' / across the Goodwill river 21 yards wide. Crossed 3 large and 6 small wells in this stage.
		Total 8 Marches			23	24				

Political Agent at Kailash at Rajahmundry





TABLE No 249 (1)

## FROM RAJKOTE TO MALLIA, BY MORVEE

GENERAL DIRECTION, NW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stages	Total						
			Miles.	Furlongs					Miles.	Furlongs
General Officer Commanding Northern Division Alambabad	Political Agent in Kithriver at Rajkote	From Chintamani Chand Rajkote to Govindpur	6	04	6	04	Good cart road during dry weather over black and red soil unsuitable in the rain.	Wells	8 stops	123 houses encamp NW At 7 1/2 / across the Apsa river 271 yards wide At 8 m 34 1/2 across the Lalpore river, 183 yards wide had pretty delay of about 2 days after heavy rain. At 4 m 1 1/2 / Rayra Cross 18 miles in this stage
		Wardham	11	54	17	54	Do	Wells	6 stops	A large village encamp W At 3 1/2 / Ration poor 75 houses 3 stops At 4 m 6 1/2 / 180 houses 9 stops At 7 m 4 1/2 / across the Dumayra river 66 yards wide had really delay of 2 days after heavy rain At 7 m 8 1/2 / Kotra 40 houses 12 stops At 11 m 1 1/2 / across the Laga or Khakra river 77 yards wide had muddy Cross 20 miles in this stage
		Tankura Gala	7	05	27	6	Do	Abandoned	Abandoned	A walled town encamp W At 3 m 4 1/2 / Jorapur 100 houses 1 stop At 7 m 3 1/2 / / across the Dumayra river 114 yards wide had muddy Cross 6 miles in this stage
		Morvee Kumbhagra Gala V	13	8	38	7	Made road bridged.	Do	Do	A walled town of 4844 houses on the N.E. bank of the Mawra river Encamp E. or W At 4 m 6 1/2 / Lagra 143 houses At 6 m 3 1/2 / Jorapur, 71 houses 3 stops At 8 m 4 1/2 / a house and well At 9 m 1 1/2 / Bumra 81 houses, 2 stops
		Dumra	13	05	51	7 1/2	Good cart road during dry weather over black and red soil unsuitable in the rain.	Mawra river	8 stops	123 houses encamp W At 4 m 6 1/2 / are the Dugra river 66 yards wide had muddy to Kagra 40 houses 1 stop At 6 m 8 1/2 / Wardham 81 houses 9 stops At 11 m 3 1/2 / Kumbra 87 houses, 1 stop Cross 16 miles in this stage
		Malla	8	45			Do	Abandoned	Abandoned	A large village on the W bank of the Mawra river encamp NW near a tank At 5 m 4 1/2 / Kumbra 25 houses At 4 m 8 1/2 / Jara Chakra 5 houses At 5 m 6 1/2 / Kumbra, a deserted village
		Total 6 Marches				61	4			

TABLE No. 249 (2)

## FROM RAJKOTE TO MALHA, BY WAWAKIA.

GENERAL DIRECTION, N W

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Perchages	Miles	Perchages		
General Officer Commanding Maratha Division, Ahmednagar.	Political Agent in Kothwar at Rajkote	From Rajkote to Marva Bhatk.	10	24	20	7		File Table No. 249 (1)
					20	14		A small village: stocking 87. At 3 = 1/2 / Wavro, 10 houses, 2 shops. At 5 = 1/2 / Danda, 3000 of Rajkote, 140 houses, 8 shops, and a bungalow belonging to the Marva Chief. At 7 = 7 1/2 / across the Bhavade river 70 yards wide, bed sandy.
		Wawakia P.	11	24	31	34		321 houses, 1000000 and 2000000. At 7 = 1/2 / Wavro, 120 houses, 8 shops. At 1 = 1/2 / Chota Bhavade, 60 houses, 8 shops. At 6 = 1/2 / Cross the Bhavade river, 80 yards wide bed sandy. At 7 = 1/2 / Chota Bhavade, 200 houses, 11 shops, 2 chattrams.
		Malha	11	78				A large village, stocking 57. near a tank. At 1 = 1/2 / Bhavade, 80 houses, 2 shops. At 6 = 1/2 / Chota Bhavade, 20 houses, 8 shops, 1 chattram. Cross a large well in the stage.
		Total			78	24		
		7 Mirocha						

TABLE No. 250 (1)

## FROM RAJKOTE TO ROWANUGGUR, BY DHURBOL.

GENERAL DIRECTION, W or N

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Perchages	Miles	Perchages		
General Officer Commanding Maratha Division, Ahmednagar.	Political Agent in Kothwar at Rajkote	Rajkote to Dhurbole	10	24	20	4		File Table No. 250
		Dhurbole or Rowanuggur.			20	4		A small village, stocking 40. At 2 = 1/2 / Wavro, 90 houses. At 3 = 1/2 / near the Ghad river, 61 yards wide bed sandy, banks low. At 4 = 1/2 / after heavy rain. At 5 = 1/2 / 40 houses, 60 houses. At 6 = 1/2 / 40 houses, 80 houses. At 7 = 1/2 / 40 houses, 80 yards wide bed sandy, banks low. At 8 = 1/2 / Kothwar's well. At 11 = 1/2 / 8 wells of good water. Country open. Cross 40 yards and 1 large well in this stage.
		Decided over			42	4		

Articles.		Measures.				Road and Rail.	Water.	Supplies.	REMARKS.
Square of Acres.		Total.							
Military.	Civil.	Sq. A.	Fur. Acres.	Sq. A.	Fur. Acres.				
General George Crook along Northern Division, Alameda Co., Cal.	Total Acres in California at July 20	1	1	2	1	Garden valley, Kennedy's tract 1 - 11 blocks and red.	Abundant	Abundant	7,816 horses, 18 deerheads; average ME. At 2 1/2 f. across the Tuolumne river, 15 yards wide, bed sandy, banks low. At 3 m. 1 1/2 f. across the Merced river, 90 yards wide, bed sandy, banks low. At 5 m. 3 1/2 f. down, 230 horses, 7 sheep. At 6 m. 6 1/2 f. across the Elmore river by a good crossing. At 7 m. 7 1/2 f. a Gracie south. At 8 m. 11 1/2 f. a large diatomaceous and the coal road from Rajah's farm on left. At 9 m. 7 1/2 f. across the Nagawick or Sacramento river, 420 yards wide, bed sandy, banks low. Country open. Crossed large and 15 small meadows in this stage.
	North-west corner of	1	1	2	1				
	North-west corner of	10	1	1	1				
	Total	1	1	2	1				
Alameda									

TABLE No. 250. (2)

FROM RAJKOTE TO NOWANUGGUR, BY WUNTULLEE.

GENERAL DIRECTION, N. 11 S.

[illegible]

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stages							
			Miles	Percentage						
			Miles <td>Percentage<td></td><td></td><td></td><td></td></td>	Percentage <td></td> <td></td> <td></td> <td></td>						
General Officer Commanding Western Division, Ahmednagar	Political Agent at Khatam at Rajpura	Reached over		80	81					
		Alipah	7	3	41	11	Good fair weather country, mixed soil black	Low and wide	2 shops	50 houses, many p.H. At 3 = 1/2 of Omer or Ghoda 40 houses, 1 shop. At 4 = 1/2 of over the Rajpura river, 18 yards wide, but sandy banks low. Over 12 small wells in this stage.
		Kewanganer Dera	9	11			Ditto	Abundant	Abundant	200 houses, 10 dharmas, many p.H. At 3 = 1/2 of Khatam or Khatam, 20 houses, 2 shops. At 4 = 1/2 of over the Rajpura river 20 yards wide, but sandy, banks low. At 5 = 1/2 of a large dharmas on left and the bank, road from Ghodara joins on right. At 6 = 1/2 of over the Rajpura river, 18 yards wide, but sandy banks low. Country open. Over 11 small wells in this stage.
		Total		80	8					
		3 Khatam								

Water—Rajpura River (the part of Kewanganer) is 3 = 7/2 NW. A small village and fort on the edge of the Gulf of Kutch. The water is shallow here and boats of any size cannot come within a mile of the shore except at spring tides.

TABLE No. 251. (1)

## FROM RAJKOTE TO POORBUNDER, BY BHAYWUDDUR AND BURDA CHOWKUR.

GENERAL DISCUSSION, NW

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	REMARKS		
Military	Civil		Stages	Total						
			Miles	Percentage						
General Officer Commanding Western Division, Ahmednagar	Political Agent at Khatam at Rajpura	Continued from Rajpura to Ghodara	19	3	18	3	Good, dirt road, and black	Talks and wide	3 shops	200 houses, many p.H. At 3 = 1/2 of Omer or Ghoda 40 houses, 1 shop. At 4 = 1/2 of over the Rajpura river to Khatam, 20 houses, 2 shops, river 120 yards wide, banks low and rocky, but sandy. At 5 = 1/2 of over the Rajpura river, 20 yards wide, but sandy, banks low. At 6 = 1/2 of Rajpura, 20 houses, 1 shop. At 10 = 1/2 of top of second range for certain. Country open. Over 10 small wells.
		Khatam	18	11	27	11	Ditto	Wide	Abundant, 20 shops	200 houses, Khatam and P.H. on station, many p.H. over the Ghodara. At 3 = 1/2 of Rajpura, 141 houses. At 4 = 1/2 of Ghodara, 181 houses, 3 shops. At 5 = 1/2 of Ghodara, 176 houses, 4 shops. At 10 = 1/2 of Rajpura, 20 houses, 4 shops. Country open. Over 10 small wells.
		Khatam	11	11	28	11	Ditto	Wide	1 shop	20 houses, many p.H. At 3 = 1/2 of Rajpura, 20 houses, 1 shop, 8 over the Ghodara, 180 houses, 11 shops. Over 10 small wells.
		Reached over			28	11				

General Officer Commanding Northern Division Alambabad

Federal Agent at Kaituma, at Dapunta.

Authorities		Names of Stages	Distances		Road and Rail	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles.	Parasangs.						
			Miles.	Parasangs.						
		Brought over			80	1				
		Ways: under, East Gate.	15	81	80	81	Good cart road, well	River and wells	Abundant	A small well in camp. At 2 m. 84 f. Miles, 40 houses 2 shops. At 8 m. 01 f. cross Maly river 270 yards wide bed rocky banks high difficult for carts, delay in crossing, heavy rain no boat. At 8 m. 71 f. cross the Wabash river, 60 yards wide bed stony, banks low to 80 yards 80 houses 1 shop. At 8 m. 01 f. cross the Jaly at river, 42 yards wide, bed stony, banks low. At 10 m. 41 f. cross the Maly river 15 yards wide, bed a very tanks high, difficult for carts.
		Dhank	8	71	80	24	Ditto	Trunk and wells	Abundant	2080 houses, camp 8. At 1 f. cross the Bhagya river, 122 yards wide, bed rocky and stony, banks low. At 8 m. 41 f. a well of good water. At 8 m. 01 f. cross the Bhagya river, 170 yards wide bed stony and rocky, banks high and difficult, delay in crossing during heavy rain, no boat. At 7 m. 1 f. Bhagya 80 houses, 1 shop.
		Khanggawa, East Gate	18	41	70	71	Bad stony but not difficult for carts and	River and wells	18 shops	200 houses 2 dharmas camp W on the banks of the Kalland river. At 7 m. 71 f. cross the Pambash river, 10 yards wide, bed sandy. At 4 m. 11 f. Pambash 40 houses 1 shop. At 7 m. 1 f. Pambash, 78 houses, 2 shops. Country hilly.
		Burda Ghervine	8	71	78	7	Ditto	River	From Dams and houses.	Station occupied by a detachment of Native Infantry & Local Militia 1 camp near the Assisted Police Agent's bungalow, cross the Kalland river soon after leaving Khanggawa, 40 yards wide bed stony, banks low. At 7 m. 1 f. Dams 497 houses, 8 shops, 8 cross the Mambur river 81 yards wide bed rocky banks high. At 8 m. 41 f. cross the Bhagya river, 170 yards wide, bed stony, banks easy. Country hilly.
		Banow 1	10	71	80	81	Ditto	River and wells	Abundant	3000 houses, surrounded by a wall. Dharmas, Post office and Police station. camp 877. At 71 f. Karamara, 280 houses, 12 shops. At 8 m. 31 f. Karamara 90 houses, 5 shops. At 7 m. 21 f. Karamara 2 shops and the road from Jecodhar pass on the left. At 10 m. 41 f. cross the Karamara river 28 yards wide, bed stony, banks low. Country hilly to the right.
		Puchander Gate F	10	1			Main road	Abundant	Abundant	Table No. 61.
		Total			100	71				
		9 Marches.								

TABLE No 251 (2)

## FROM RAJKOTH TO POORBUNDER, BY DRAPPA

GENERAL DIRECTIONS NW to W

Authorities		Source of Supply	Distance		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Military	Civil		Miles	Stages				
		Station : near Ch. and Highways to Ch. Highways	12	8	37	01		17th Table No 251 (1)
		Waddah	13	"	28	01		Good level and very good with some hills. Road is good. Water is good. Supply is good. Remarks: 2 houses good and spacious surrounding ground is high on the hill at the river. The country is open and level as before, houses mostly built on the hill at the river. At 8 m 4 f from the station 10 houses. At 10 m 5 f from the station 10 houses. At 12 m 5 f from the station 10 houses.
		Lodhwar	11	0	39	01		Good level and very good with some hills. Road is good. Water is good. Supply is good. Remarks: 2 houses good and spacious surrounding ground is high on the hill at the river. The country is open and level as before, houses mostly built on the hill at the river. At 8 m 4 f from the station 10 houses. At 10 m 5 f from the station 10 houses. At 12 m 5 f from the station 10 houses.
		Waddah	11	4	50	45		Good level and very good with some hills. Road is good. Water is good. Supply is good. Remarks: 2 houses good and spacious surrounding ground is high on the hill at the river. The country is open and level as before, houses mostly built on the hill at the river. At 8 m 4 f from the station 10 houses. At 10 m 5 f from the station 10 houses. At 12 m 5 f from the station 10 houses.
		Waddah	11	8	61	75		Good level and very good with some hills. Road is good. Water is good. Supply is good. Remarks: 2 houses good and spacious surrounding ground is high on the hill at the river. The country is open and level as before, houses mostly built on the hill at the river. At 8 m 4 f from the station 10 houses. At 10 m 5 f from the station 10 houses. At 12 m 5 f from the station 10 houses.
		Waddah	10	1	71	05		Good level and very good with some hills. Road is good. Water is good. Supply is good. Remarks: 2 houses good and spacious surrounding ground is high on the hill at the river. The country is open and level as before, houses mostly built on the hill at the river. At 8 m 4 f from the station 10 houses. At 10 m 5 f from the station 10 houses. At 12 m 5 f from the station 10 houses.
		Total			101	05		17th Table No 251
		2 March						









TABLE No. 254

## FROM RUTNAGHERRY TO JYRGURH, BY MALGOOD.

GENERAL DIRECTION, S

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Madras District, Madras	Collector at Rutnagherry	From Rutnagherry to Shastri Jyrgurh, Part One.	14	54	Good road with a few drains over all the small sections.	A large		<p>Table No. 254.</p> <p>226 houses. One and a half stages; survey SW of fort. At Shastri near the river creek, a ferry boat fordable at low water. At 1 m S/ Shastri Pond, 20 houses. At 2 m S/ Gopurthy Pond, 75 houses. At 3 m S/ S bank of Malgoood creek. At 4 m S/ X bank, a ferry boat, fordable at low water but rarely. At 6 m S/ Malgoood, 200 houses, 3 shops. Post office and Police station. At 8 m S/ the river and creek. At 9 m S/ Shastri near and S bank of creek. At 10 m S/ X bank, a ferry boat, fordable at low water. At 11 m S/ Shastri near 120 houses. At 12 m S/ Malgoood creek. At 13 m S/ top of Malgoood. At 14 m S/ road in Malgoood branches off to the right. From the S bank of the Shastri near creek the road for 1 mile runs along the sea beach.</p>
		Total		54				
		S. Malgoood.						

TABLE No. 255.

## FROM RUTNAGHERRY TO RAJAPPOOR.

GENERAL DIRECTION, SE

Authorities		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles	Perchages				
General Officer Commanding Madras District, Madras	Collector at Rutnagherry	From Rutnagherry to Rajapoor	10	4	Road and stream the greater part of the way.	River and wells, water salt when the tide is in.	A large	<p>A struggling village of about 160 houses comprising several small temples. At 1/2 mile beyond 20 houses with wells. The road near the village is very steep and there is a narrow footpath impracticable to horse carts. At 1 m across Kalade river, never fordable except at very low tide, but is crossed in boats. Road of considerable size comes up to the boundary. Then goes on some 1/2 m to Shastri at 1 m S/ 20 houses on S bank of the river. At 2 m S/ there is a dismarch and well and the stream is 5 or 6 ft, and 8 m S/ At 3 m S/ there is a rather stiff paved descent of about 1/2 m length. At 4 m S/ across river to Gahy, 20 houses 3 shops and 6 temples for the use of travellers. At 10 m S/ across a well, and at 12 m S/ a river, neither of which are fordable at high water; water salt when the tide is in.</p>
		Correct way		10				
				4				

Andamies loc.		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Miles				
General Office of Census in India, Dehra Dun, U. P.	Civil	From the river		10				
		Dehra	11	11				
				11				
				11				
General Office of Census in India, Dehra Dun, U. P.	Civil	By the river	12	1				
General Office of Census in India, Dehra Dun, U. P.	Civil	To the		11				

Note.—The river is the main road to the hill station and the road is 12 miles long.—see Table No. 75 (1)

TABLE No 253.

## FROM RETNAGHERRY TO SAWONTWAREL, BY RAJAPOOR AND KUNKOWLED

GENERAL DIRECTIONS

Andamies loc.		Names of Stages	Distance		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stage	Total				
			Miles	Miles				
General Office of Census in India, Dehra Dun, U. P.	Civil	From Retnagherry to Rajaipoor	9	41				
		Rajaipoor	8	33				
		Lozole	9	24				
		Kunkowled river	7	17				
		Rajaipoor	15	2				
		Kunkowled	11	7				
		Current river		60				

Table No. 75 (1)

Authorities		Name of Stage	Distance		Road and Soil.	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Percentage						
General Officer Commanding Hyderabad District, Bangalore	Collector of Bangalore District	Brought over		80	41	Little road	Wells and wells	A slope	7901 curve and travellers' bungalow, roomy, is a grass & good on both sides of the road. W. of the latter where there is a lot of good water	
		Kannada	10	24	79					75
		Kannada (see)	13	3	83					14
		Kannada	8	6	91					57
		Kannada	11	5	102					14
		Alhambra	8	1	110					41
		Alhambra	8	1	118					0
		See map page 10 P.T.	9	55						
		Total			118					0
		12 Miles								

TABLE No 257

## FROM RUTNAGHERRY TO UNJUNWELL, BY GOOLAGHUR.

GENERAL DESCRIPTION.

Authorities		Name of Stage	Distance		Road and Soil.	Water	Supplies.	Remarks		
			Stage							
			Miles.	Percentage.						
Military.	Civil.			Miles.	Percentage.					
General Officer Commanding Hyderabad District Bangalore.	Collector of Bangalore District	From Rutnagherry to Goolaghur (Upstream of River)	7	13	40	21	Good road with the usual water.	No stage.	Pile Table No. 22  The house and a large storehouse, covered by A.T. at 40/7 across a small 110 yards wide stretch of low water. At 2 to 31/7 the surface of a wet canal. At 2 to 41/7 (by road) At 2 to 7/7 a well. At 8 to 10/7 to Wabhan. But the branch will be the top At 2 to 8/7 Unimproved water	
		Total			47	41				
		4 Miles.								

# FROM SAMBALPUR ROAD STATION TO SAMBALPUR and LAWANGA AND SASUN.

GENERAL DIRECTION—SOUTH

Locality.	Name of Stage	Distances				Road and Soil	Water	Supplies	Remarks	
		Stage	Total							
			Miles	Furlongs	Miles					Furlongs
Gr.	Civil.									
		Sambalpur Road Station					Good, macadamized	Fountainful	Fountainful	Sambalpur Road Station or Jar Bagri. A small village, 130 houses, 21 shops, 16 wells. Police Station and new Tahsildar's Office under construction. Encamping ground = 1 mile to S of Railway Station, and to the right of the Sambalpur Road.
		Lawanga	10	31	10	21	Ditto	Fresh tank	After water being given	A small village, 65 houses, 3 shops, 3 temples and one school. Police Station. Pansamung ground near Police Station to the left of the road. At one mile pass Barwal, 50 houses about 3 furlongs to the left of the road. At one mile 4 furlongs pass Barwal, a village of 100 houses about 1 furlong to the right of the road. At 2 miles 4 furlongs pass Barwal, 5 houses to the left of the road about 2 furlongs off. At 3 miles 4 furlongs cross a small creek for carts. At 4 miles 5 furlongs pass Barwal to the right of the road about 3 furlongs off. At 5 miles 4 furlongs pass a tank on the left of the road, where the tank is full water stands 3 feet deep on the road. At 6 miles 1 furlong pass Barwal to the right of the road about 2 furlongs off. At 7 miles 1 furlong (7 1/2 miles) a small creek for carts. At 8 miles 8 furlongs cross a small creek 100 yards wide, very for carts. At 9 miles 8 furlongs pass Barwal, 50 houses, 3 shops, 1 temple, water from a small River. At 10 miles 2 furlongs cross Barwal river 200 yards wide, fordable for carts but heavy load can easily cross. At 11 miles 2 furlongs pass Jar Pak to the left of the road about 1 furlong. At 12 miles 2 furlongs cross a small creek for carts. At 13 miles 1 furlong pass Barwal, 100 houses to the right of the road. At 14 miles 1 furlong cross a small creek for carts. At 15 miles 4 furlongs pass Dawa Chapal village to the left of the road about 1 furlong. At 16 miles 7 1/2 furlongs cross a small creek for carts.
Deputy Commissioner, Sambalpur		Barwa	11	7	21	11	Good, macadamized and underdrained	Ditto	Ditto	A small village, 30 houses, 1 temple, 1 well, 1 shop and Police Station. Encamping ground to the south, on both sides of the road. At 6 furlongs cross a small creek for carts. At 1 mile 1 furlong pass Jar Pak to the right. At 1 mile 6 furlongs cross a small creek 20 yards wide, very for carts. At 2 miles 1 furlong pass Jar Pak to the left and Chalk village, 10 houses on the right. At 3 miles 2 furlongs pass Lawanga to the right of the road, 50 houses. At 4 miles 1 furlong cross a small creek 20 yards wide, fordable in rainy season, low after fall of rain. At 5 miles 8 furlongs cross Barwal River, fordable for carts, fordable in dry season, and 3 hours after rain in rainy season. At 6 miles 4 furlongs pass Barwal, 40 houses. At 7 miles 8 furlongs pass a range of hills to the left of the road about 200 yards off. At 8 miles 5 furlongs pass Kila Gawa, 50 houses, 1 shop, 1 temple. At 9 miles 3 furlongs pass Barwal about 2 furlongs to the right of the road.

[illegible]



TABLE No 260

FROM SATTARA TO POONA, BY THE KAMATKE GHAUT, SABUL KHIND, AND DEEWA GHAUT

GENERAL DESCRIPTION

Authority as		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
			Stage	Total						
Military	Civil		Miles	Fathoms	Miles	Fathoms				
General Officer Commanding Poona Division, Poona.		Collection at Station								
		Station to Blachy	18	61	18	61	Gravel road		} vide Table No 240	
		Talka	8	14	26	7				
		De gaur	6	41	32	6			} vide Table No. 21	
		Kakave	11	14	43	0				
		Pargana	10	3	53	0	Gravel road, no black.	Wells	1 shop	No innkeeper occupies it. At 3 m 71 f. There is a house. At 8 m. Civil station before K. J. house. At 6 m. 54 f. Bad road, hard. Over the road to 1 m. station 1 rancher's off to the right.  A small town on the left bank of the Karna river, the old palace on the right bank, well by terraces, good looking up on and in a fine grove of trees. At 1 m 51 f. There is a large house. Cross the Karna river to the end.
		Sumner	8	04	61	0	Do	Unimproved	Abandoned	
		Warner	6	02	67	12	Do			
		Poon	8	3	75	15	Do			
		Total			71	23				
6 Stages										
		Collection at Poona.								

TABLE No 261

FROM SATTARA TO POORUNDHUR, BY KIKWEE

GENERAL DESCRIPTION

Authority		Name of Stage	Distance		Road and Soil,	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles Fathoms	Miles Fathoms						
General Officer Comd Poona Div. Poona Division of Poona	Collector of District	From Sattara to	18	61				} vide Table No. 180.		
		Blachy	8	14					26	7
		Talka	6	41				32	6	} vide Table No. 228.
		Pargana	11	14				43	0	
		Kakave	10	3				53	0	
		Correct over			71	23				



Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Towns Division, Poona.		Brought over...	...	41	0			
		Forwards the Church near the lower Gato. T.	10	5				
		Total	...	41	5			
		5 Marches.	...	...	...	...		
General Officer Commanding Towns Division, Poona.		The following is the direct route:—						
		Station to Pargana.	...	80	8			
		Station to Pargana.	8	5				
		Total	...	88	13			
General Officer Commanding Towns Division, Poona.		Station to Pargana.	...	80	8			
		Station to Pargana.	8	5				
		Total	...	88	13			
		5 Marches.	...	...	...	...		

TABLE No. 262. (1)

## FROM BATTARA TO BUTNAGHERY, BY THE ROOMBARLIK GHAT.

GENERAL DIRECTION, S.W.

Authorities.		Names of Stages.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stages.	Total.				
Military.	Civil.		Miles.	Furlongs.	Miles.	Furlongs.		
General Officer Commanding Towns Division, Poona.		Station to Ulhad.	12	5				
		Overcast	8	0				
		Muller Pak.	8	1				
		Palung	6	0				
General Officer Commanding Towns Division, Poona.		Delwadh	13	8				
		Georgian	11	6				
		Darwan	7	7				
		Carried over...	...	74	0			
General Officer Commanding Towns Division, Poona.		Station to Ulhad.	12	5				
		Overcast	8	0				
		Muller Pak.	8	1				
		Palung	6	0				
General Officer Commanding Towns Division, Poona.		Delwadh	13	8				
		Georgian	11	6				
		Darwan	7	7				
		Carried over...	...	74	0			

Amberities		Name of Bridge	Distances		Road and Soil	Water	Supplies	Remarks
			Single	Total				
Military	Civil		From	To				
<p>General Officer Commanding Madras District Engineers</p> <p>Collector of Madras</p>								
		Brought on		71 1/2				
		Archer	8	80 1/2	1/2 road and walking on the road and water covered by water	1/2 road and walking on the road and water covered by water	1/2 road and walking on the road and water covered by water	1/2 road and walking on the road and water covered by water
		Paragon	18 3/4	98 3/4				
		Well and Bazaar	10 0	108 3/4				
		Madras City	9 1/2	118 1/4				
		Total		118 1/4				
		11 Miles.						
<p>The best road is as follows —</p>								
		Madras to Coimbatore	21 1/2	21 1/2	Good road			
		Madras to Pondicherry	8 1/2	30 1/2	Do			
		Chennai	15 1/2	45 1/2	Do			
		Madras to	80 1/2	125 1/2	Good road			
		Total		125 1/2				
		15 Miles.						

TABLE No 262 (2)

FROM SATTARA TO BUTNAGHERRY, BY THE MULLA GHAUT

CONFIDENTIAL - EYES ONLY

[illegible]

[illegible]

There is another road from near Mills by the South Towns Glac., about 5 miles to the S. of Mills Glac. The top of Froebelknob is on the left, pointing towards the bottom of the glac. from Towns. The ascent is exceedingly steep for two miles up a stream, like the rocky bed of a torrent. The top of the glac. is about 5 miles from Towns.

TABLE No. 262. (3)

FROM SATTARA TO BUTNAGHERRY, BY THE (NORTH) TEWRA GAUT AND CHIPLOON.

GENERAL DIRECTION, S.V.

[illegible]

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	REMARKS	
Military	Civil		Stage	Total					
			Miles	Package					Miles
General Officer Commanding Madras District, Madras.	Collector of Madrasbary	Brought over table	0	7	38	41			180 houses. Kumbur were a large lot in the back of the Town river. At 1/2 of top of Town about At 0 m 71 / Plaster walls at the foot of the giant descent steep and above a large wall. At 1 m 07 / across Ganges with 18 yards wide At 5 m 17 / Wagon. 318 m 74 / across a wall to Kumbur were 6 houses. At 7 m 71 / Kumbur At 8 m 37 / Organisations At 8 m 01 / Kumbur were. Countryilly and partly
		Chaplain	0	7	28	61			
		The Madrasbary	13	71					
		Total				86	0		
		9 Miles.							

TABLE No 263

## FROM BATTARA TO SHOLAPOOR, BY MUSWUD AND FUNDERPOOR.

GENERAL DESCRIPTION, &amp;

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles.	Package				
General Officer Commanding Madras District, Madras.	Collector of Madrasbary.	From Post Office at Battara to Kumbur	18	65	18	65	180 houses. Kumbur were a large lot in the back of the Town river. At 1/2 of top of Town about At 0 m 71 / Plaster walls at the foot of the giant descent steep and above a large wall. At 1 m 07 / across Ganges with 18 yards wide At 5 m 17 / Wagon. 318 m 74 / across a wall to Kumbur were 6 houses. At 7 m 71 / Kumbur At 8 m 37 / Organisations At 8 m 01 / Kumbur were. Countryilly and partly	
		Chennai road			10	61		

Authentic.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.
			Stage.	Total.				
M.Bary.	Chil.		Miles.	Parbarga.				
			Miles.	Parbarga.				
General Officers Commanding Rivers Division, Towns.	Collector at Patna.	Brought over.....	—	10	61	Channel road.....	Yalla and walk.....	3 days.....
		Tongam.....	10	81	71			
		Flingie (Blueyork).....	18	11	23			
		Shivrad P.....	18	81	93			
		Podar.....	13	81	95			
		Shikore.....	18	63	77			
		Podarpoor B. P.....	18	7	81			
		To Mithapur.....	29	21	—			
		Total.....	—	—	180			
		11 Marches.....	—	—	—			
	Collector at Shikore.	Brought over.....	—	10	61	Channel road.....	Yalla and walk.....	3 days.....
		Tongam.....	10	81	71			
		Flingie (Blueyork).....	18	11	23			
		Shivrad P.....	18	81	93			
		Podar.....	13	81	95			
		Shikore.....	18	63	77			
		Podarpoor B. P.....	18	7	81			
		To Mithapur.....	29	21	—			
		Total.....	—	—	180			
		11 Marches.....	—	—	—			

TABLE No. 264

FROM SHOLAPOOR TO AKULKOTH.

FINANCIAL STATEMENTS

Antecedent		Distance				Road and Soil.	Water	Supplies	Remarks
		Distance of Stage		Stage	Total				
Military	Civil		Miles	Package	Miles	Package			
General Officer Commanded Front Division Force	Collector at Bangalore	Bangalore Fort to Channarayana (M. 10)	13	0	13	0	Good road.	1 stop	A small village 1 m. S. of 41/2 thru gh the town of 18 shops, and at 7 m. S. of per Koodal is a large village; across 2 miles to Koodal, at 10 m. S. of
		Alakatta	11	0			Do.	Good road. One bank and wells	Abundant
		Total			24	0			
		3 Mysore							A large town and fort. At the S.W. corner good crossing at 1/2 m. S. of 41/2, across 2 miles to Koodal is a large village of 3 m. S. of and 10 m. more to Koodal is a village of 1 m. S. of; at 8 m. S. of per Koodal.

TABLE No 235 (1)

FROM SHOLAPOOR TO BELLARY, BY INDEE, MOODENBHUAL, AND TUNGURGED

GENERAL INVESTIGATION OF THE...

Authority		Name of Village	Distance		Road and Soil	Water	Supply of	Remarks	
Military	Civil		Stages	Total					
			Miles	Parasangs	Miles	Parasangs			
Command Officer Commanding Frontier Division, Poonch	Collector at Bhagpur	From S1 chapel; Bhag Cable to W. civil inn	10	3	10	3	Cleared and good	Across river	Barren
	Collector at Kailashgiri	Talika	6	4	10	0	Ditto	Across river	Ditto
		Thangpang P	6	4	10	0	Ditto	Across and water	Very good water furnished on Thursday
Command Officer Commanding Frontier Division, Poonch	Collector at Kailashgiri	Cleared over			10	0			

Authentication		Access of Bridges	Distances		Road and Rail	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Footpaths				
General Officer Commanding Hyderabad District Hyderabad		Brought over:		30 04				
		Isles P	11 8	27 84	Marlled cart road	Malls and wells	Water	200 houses and a Gheramunda swamp NW At 4 m 84/ across a well 80 yards wide At 4 m 84/ Hyderabad 80 houses. At 10 m 84/ across a well, 40 yards wide. At 11 m 41/ across another well 120 yards wide but muddy, tanks nearby. Country open and cultivated.
		Tambot	12 74	39 61	Dirto	Ditto	87 shops	414 houses; swamp N At 8 m 34/ Rongee 200 houses and across a well 48 yards wide At 19 m 41/ across a well 85 yards wide At 22 m 84/ across a well 140 yards wide. Country open and cultivated.
		Hingurpe P	13 84	52 45	Dirto	Ditto	Water	720 houses; swamp NW At 8 m 34/ across a well 48 yards wide. At 8 m 84/ Onda Rongee 260 houses At 4 m 84/ across a well 36 yards wide At 5 m 84/ Kurat Island 80 houses. At 10 m 41/ Arval Khedee 80 houses At 18 m 41/ across a well, 48 yards wide
		Dindawar	10 74	62 19	Ditto	Ditto	8 shops	124 houses; swamp D At 41/ across a well 60 yards wide At 5 m 84/ across the Dam river 75 yards wide tanks nearby. At 8 m 84/ Marhal 125 houses. At 10 m 14/ Canal 20 houses
		Utharagape	18 84	80 4	Marlled road	Wells	8 shops	220 houses; swamp N At 7 m 84/ Baywa Hingurpe 207 houses 8 shops water from tank and wells At 7 m 41/ across a well 36 yards wide At 10 m 84/ Hyndal and across a well 60 yards wide to Jayangurpe.
		Tangurpe	16 84	96 28	Ditto	Utharagape	10 shops	186 houses on the N bank of the Krishna river; swamp NW At 4 m 84/ Jalar houses. At 5 m 74/ Keshababhai a large village, 271 houses 18 shops 2 Gheramundas and Pank office At 8 m 14/ Masodhal At 10 m 41/ Teligurpe 13 houses
General Officer Commanding Hyderabad District Hyderabad		Dindhal	18 8	114 75	Country cart road	Ditto	None	80 houses on the S bank of the Krishna; swamp N At 91/ across the Krishna river, 620 yards wide, but very rocky lands possible when rope red At 1 m 34/ Dindwar 80 houses 8 shops and a Gheramunda At 4 m 84/ Kyp 80 houses At 4 m 41/ Kurat 80 houses, 4 shops At 8 m 41/ Hingurpe 80 houses 4 shops At 9 m 74/ Koyangurpe 25 houses At 8 m 74/ Anu palice 17 houses At 9 m 61/ Indur 18 houses At 10 m 84/ across a well, 116 yards wide but muddy. Valley of some houses after heavy rain. At 11 m 14/ Anu mandhara, 84 houses 2 shops At 11 m 41/ Tangurpe
		Ishtaryall	9 1	123 08	Red black road but a nearby river and well water			On the Moorthy river; swampy ground high and good 5 of villages also 1 m 3 of 4 across a well, country cultivated as 1 block At 1 m 34/ near Hyderabad 80 houses At 3 m 84/ Hyderabad at 3 m 84/ across a well and 4 m 41/ Rongee: to right on a rivulet at 5 m 34/ Odyalico at 8 m 34/ Jalar gata; across 8 miles to the Moorthy river, which across at 8 m
		Mandhara	13 1	136 19	Ditto	Always possible from the Moorthy river or by dragging on the bed		On the Moorthy river; swampy ground open and good, to the S and on the bank of the river: across 3 miles to Dindwar at 5 m 84/ across a well at 4 m 74/ and pure Canal bed, a large village at 7 m across the Moorthy river at 11 m 41/ Country overgrown with jungle and long grass
		Current river		140 14				
General Officer Commanding Hyderabad District Hyderabad		Random at Hyderabad						
		Ishtaryall	9 1	123 08	Red black road but a nearby river and well water			On the Moorthy river; swampy ground high and good 5 of villages also 1 m 3 of 4 across a well, country cultivated as 1 block At 1 m 34/ near Hyderabad 80 houses At 3 m 84/ Hyderabad at 3 m 84/ across a well and 4 m 41/ Rongee: to right on a rivulet at 5 m 34/ Odyalico at 8 m 34/ Jalar gata; across 8 miles to the Moorthy river, which across at 8 m

Aggravation		Number of Hinges	Mileage				Road and Soil	Water	Supply	Remarks
			Stage		Total					
Military	Civil		Miles	Percentage	Miles	Percentage				
MAMALA PRAMANTHUR Office Commanding Hyderabad Subdivisions Poonah Subdivisions	Brought over	Thavarnaswamy	11	8	128	14	Bad varying soil and hills in wet weather		Moderate	A largely large village, occupying ground on level to 1 1/2, but high dry, and open, half mile to 1 1/2 N; cross two miles to 1 1/2 N; a small portion a large village at 4 1/2 N; Pass 1 mile from 5 to 6 1/2 N; cross a rivulet at 10 N 3/4 f to Chikapur, cross another rivulet at 10 N 5/4 f; country generally open with some cultivation.
		Itanahally	9	4	160	45	Generally bad soil and very dry from clay to red and black	Very bad, from a mile		Small village, occupying ground open and good to the 1 1/2, cross 1 mile to the North river at 5 N 1/4 f; Pass 1 mile to 5 N. From Thavarnaswamy to Poonah the country is jungle and hilly, then Poonah low jungle.
		Thakshashan	18	6	178	85	Very bad	From North river		Occupying ground N of village dry and good; at 5 N 1/4 f cross a river to Bangalore at 8 N 1/4 f; cross Chikapur a large village at 10 N 1/4 f; at 11 N 1/4 f; Thakshashan; and at 12 N 1/4 f cross the North river; country wild and jungle.
		Halbhally	10	8	184	45	Bad varying from black and red	From Bangalore river		Occupying ground on black soil, connected to the 8, at 8 N 1/4 f; see Bangalore at 8 N 1/4 f; at 9 N 1/4 f; cross the North river; at 10 N 1/4 f; Bangalore; cross two miles to Bangalore a large village at 8 N 1/4 f; and across the Thakshashan river by land to Halbhally country high and open, and partly a square with jungle.
MAMALA PRAMANTHUR Office Commanding Ceded Districts, Malabar	Cultivation at Malabar	Jowk	9	4	180	45	Bad at the beginning, good at the end; soil black.	Wells and a mile		Thames up ground high and dry to the 8, cross a rocky ridge at 1 1/2 N and pass Thakshashan at 6 N 1/4 f; cross a dry ridge at 8 N, black soil.
		Occurrence 3	10	1	200	45	Bad over black soil		Dry	A traveller's hamper, occupying ground high and dry to the 1 1/2 on black soil. Cross a large ridge from Jowk and two small ridges to a steep one at 8 N 1/4 f. Pass Yellarswamy at 8 N 1/4 f; country open.
		Malabar (Part) B F F	11	8			Black road	Abandoned	Abandoned	A civil and military station. Cross 8 miles to Bangalore at 8 N and 8 more to Bangalore, at 7 N 1/4 f; cross a ridge at 8 N 1/4 f.
		Total			514	55				
		19 Months.								





TABLE No 266

## FROM SHOLAPOOR TO JAULNA, BY BAREIL AND BEER.

GENERAL DESCRIPTION, FEB. 1878

Authorities		Names of Stations	Distances		Road and Soil	Water	Vegetation	Remarks
			Single	Total				
Military	Civil		Miles	Parasangs				
General Officer Commanding Thames Division Punjab	Collector of Sholapur	Sholapur Fort to Wardha	13 34	18 54				Little Table No. 12 (3)
		Wardha	18 4	23 14				
		Bareil	24 24	48 34				
		Sholapur	9 04	57 34				
		Sholapur	9 7	61 37				
		East or Dist	18 71	73 21	Bad and stony, the road, from well. Abundant plant. Good low in very rocky and rugged			300 houses, tolerable rice soil, around 300 yards N. of 7 m. S. of Pethu. At 8 m. S. of 10 m. across the Chana creek river. At 30 m. S. of Pethu. At 11 m. a temple. At 12 m. S. of a well. At 1 m. S. of a large g. of road S. of, along a stream, country hilly and rocky.
		Sholapur	15 21	87 41	Generally good, some stony soil	Good. Some rocky hills about 100 yards distant		
		Sholapur	11 71	98 41	Good, very a black glacial soil, the road, from well. Abundant plant. Good low in very rocky and rugged			
		Beer (N. Dist)	8 1	106 41	Fair, but stony, the road, from well. Abundant plant. Good low in very rocky and rugged			
		Tarapur	8 41	114 41	Generally good, some black soil	Abundant, from river and well		
		Sholapur or Borey	8 21	122 41	Good over black glacial soil, but stony, the road, from well. Abundant plant. Good low in very rocky and rugged			
		Distorted over		122 41				

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Furlongs				
Nagpur Office Commanding Hyderabad and N. India, Secunderabad	Civl	Traight over		182 31				
		Wadgaon	8 0	181 31	Good, over black soil	Abundant	Unobtainable	A village on the Godavari river, which is fertile here 8 months, with 8 boats on the river; first stage, with strong current, in December; over the Mirzapur or Mirzapur river from Mirzapur, 101 5 miles to Shahpur, where there is good irrigation, ground, 270 yards N. of the village, country level and cultivated.
		Da sagra	10 8	171 81	Road very bad in the heavy monsoon		None	180 houses. At 2 m. 7 f. Mirzapur, At 3 m. 3 f. Gola. At 8 m. 1 f. Mirzapur, over the Godavari river at the end of the stage, country is better.
		Warber (N. Gola)	8 1	163 71	Fair	16 miles, over black soil		1,000 houses, occupying ground in all directions. Over a mile to Mirzapur at 4 m. 1 f. At 5 m. Mirzapur.
		Preyapaloon	8 2	155 71	Good, over black soil	Pretty good, from Gola and 1 f. beyond in the bed of the river		20 houses occupying ground tolerable. 100 yards N. of village, over a mile to Mirzapur. 78 houses at 3 m., over 2 miles to the Mirzapur at 5 m. 8 f., re-appears at 6 m. 7 f., and again at 8 m. 10 f., country level.
		Jash (Fort) N. P.	8 1		Good, red, yellow, black, gray, and red	Good, from a mile, abundant		A town and settlement; occupying ground high and good N. of the settlement. 4 f. Gola. At 4 f. over the Godavari. At 7 f. Gola. At 3 m. 8 f. Unobtainable, over 2 miles to Mirzapur at 5 m. 7 f., over 2 miles and pass through part of the town, country generally level, a few hills on approaching Mirzapur.
		Total 10 Marches.		107 31				

TABLE No 267.  
FROM SHOLAPOOR TO MUMINABAD, BY TOOLJAPUR  
CENTRAL DIRECTION, N. to S.

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Furlongs				
Nagpur Office Commanding Hyderabad and N. India, Secunderabad	Civl	Sholapur Fort Thandavavara	18 71	18 71	Soil is dry, weather and black	Water and well	Unobtainable	100 houses occupying ground 100 yards N. of the town of Sholapur. At 8 m. 4 f. over a large 100 yards N. of the town. At 10 m. 0 f. Sholapur. 100 houses, 2 shops. At 12 m. 3 f. Sholapur. At 10 m. 10 f. Sholapur. Country level, cultivated place.
		Thandavavara	11 4	29 81	Soil is dry, weather and black	Water and well	Unobtainable	100 houses occupying ground 100 yards N. of the town of Sholapur. At 8 m. 4 f. over a large 100 yards N. of the town. At 10 m. 0 f. Sholapur. 100 houses, 2 shops. At 12 m. 3 f. Sholapur. At 10 m. 10 f. Sholapur. Country level, cultivated place.
		Gurna (Fort)	20 31					

Authorities		Name of Stage	Distance		Road and Soil	Veget.	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Parangs	Miles Parangs				
NARAYAN PURWAKOT Officer Commanding Hyderabad Subdivisions Force Secum levelled		Brought over		29 31				
		Dumbarwan	11 4	30 71	Unimproved road, black on 1 of way soil, no all ground, dry, rocky for cattle	Wells and wells	Scarcely	A small village, ground NW. At 3 m. Secum At 5 m. top of a small plain of 1 f. ascent At 3 m. 5 f. Secum At 7 m. 1 f. Komper At 8 m. 4 f. Dabney At 10 m. 1 f. Dal wells. Country barren for 6 miles the Dumbarwan
		Star 7	11 4	41 84	Good road in dry weather, on level ground and black soil, occasionally stony	Thorn trees	Abundant, 16 A shops	A large village, ground N. At 1 m. N. Sub- range. At 8 m. 1 f. Dabney At 5 m. 6 f. Wagair At 7 m. 1 f. Secum At 8 m. 1 f. Wagair At 9 m. 4 f. Secum At 10 m. 4 f. Secum wells. Country flat and open
		Yagum	12 4	53 76	Good road in dry weather, over level ground and black soil, occasionally stony	River	Scarcely 1 shop.	1201 water, ground N. At 3 m. 4 f. Secum Thorn trees to be found by 4 m. 4 f. water a mile to Patal At 8 m. 1 f. Secum road At 11 m. 7 f. Patal. Country open and cultivated
		Dumbarwan	10 0	74 86	Ditto	Wells	Ditto	207 water At 3 m. 5 f. Waddy At 4 m. Secum At 5 m. 2 f. Secum At 6 m. Secum river to Patal ground At 7 m. 2 f. Secum At 8 m. 1 f. Tadga At 10 m. Secum the Secum river to Dabney.
		Mumbarwan, or An in open (8 of level) R.P.	11 3		Ditto	Abundant, wells.	from abundant	A large plain and a heavy stream of the Narmada At 1 m. 7 f. Secum river to Patal At 3 m. Mumbarwan At 4 m. 6 f. Secum plain At 5 m. 2 f. Secum plain At 6 m. 4 f. Dabney At 7 m. 1 f. Secum At 8 m. 1 f. Tadga At 10 m. Secum the Secum river to Dabney.
		Total 7 Miles		83 71				

TABLE No. 268

## FROM SHOLAPOOR TO SECUNDERABAD, BY NULDEROOG AND HONNABAD.

GENERAL DESCRIPTION, 1.

Authorities		Name of Stage	Distance		Road and Soil	Veget.	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Parangs	Miles Parangs				
NARAYAN PURWAKOT Officer Commanding Hyderabad Subdivisions Force Secum levelled		Sholapur Fort Dumbarwan	14 8	14 8	Good road	Good, from wells and wells	Wagair	1201 houses, good surrounding ground At 8 m. 4 f. Secum At 10 m. 1201 houses, country level cultivated plain
		Holapur 2	14 8	28 4	Ditto	From river	Abundant	1,000 houses and (wagair) houses, good ground, but stony; the best is in a narrow loop near the Secum river. Cross the Secum river and 8 miles to Mumbarwan At 4 m. 2 f. Cross the Secum river to Mumbarwan At 5 m. 7 f.
		Secum over		30 4				

Administration		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stages	Total				
Military	Civil		Miles	Postmiles	Miles	Postmiles		
		Brought over		26	4			
		Dabara B	13	4	43	0	Road made	From wells and Moderate wells.
		Tonacore B	14	0	57	0	Ditto	Good Ditto
		Mirakha B	11	6	68	6	Ditto	Good Ditto
		Rayasur	13	4	81	2	Ditto	Wells east of Abundant village. moderate water.
		Honemahad B	6	4	87	6	Good soil red and somewhat rocky	From wells W of Honemahad ground
		Kangapitha B	13	2	100	8	Good scale road	Wells Moderate
		Channampally B	13	6	114	0	Ditto	Halfway from a trunk but good from wells and the Kanayam 1 m. NW
		Barra Yelakur B	3	3	117	3	Ditto	From wells and good stream. good water and also first section Wells
		Digval	7	4	120	7	Ditto	Trunk and wells one very large well for water ing cattle
		Oungale B	7	4	126	8	Ditto	Halfway from wells and wells
		Kothakapitha B.P	11	6	137	0	Ditto	Abundant from somewhat moderate water.
		Kandee B	11	3	148	3	Ditto	From wells
		Carried over		151	3			

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Packings	Miles Packings				
K. 10000 Permanent Office Commanding Hyderabad Hyderabad	Roads at Hyderabad	Brought over		151 6	Good made road	Abundant, from a Good well near the ground.		500 houses and longways; ground extremely, high and good; 4 or 5 m. h.w. Chas- try partially cultivated. Pure Cereals at 2 m. 4 f. Cereals and pure Rauhanra at 3 m. 8 f. across 2 miles to Nandagiri at 5 m. 7 f. and across a mile to Patisanabera.
		Patisanabera H.	15 3	170 5				
		Chakragully	13 0	183 5	Ditto	Along road, from a shallow well 200 yards from the ground.		500 houses. Pure Rauhanra at 2 m. 1 f. Cereals and pure Cereals at 3 m. 5 f. at 4 m. 8 f. Rauhanra at 5 m. 7 f. and across a mile to Patisanabera.
		Summarised Area and	8 2		Ditto	Abundant	Abundant	Pure Rauhanra at 2 m. 7 f. Cereals at 3 m. 5 f. at 4 m. 8 f. Rauhanra at 5 m. 7 f. and across a mile to Patisanabera.
		Total 17 Muzas		192 7				

From Hyderabad to Summarised by rail is 113 miles

TABLE No. 269.

## FROM SHIKARPOOR TO HUSSUN KED GURUD

## GENERAL INSTRUCTIONS, 18

Authorisation		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
Military	Civil		Miles Packings	Miles Packings				
General Office Commanding District Hyderabad.	District Hyderabad at Hyderabad	From Shikarpur Kempur Khod	17 43	17 04	Good road, irrigated	Abundant	Abundant	A small town. At 5 m. 11 f. Driveway 10 houses. At 5 m. 9 f. Driveway 10 houses. 2 f. h.w. At 5 m. 7 f. road from Shikarpur, pure on right. At 11 m. 10 f. Chakragully, a shallow well, and road from Jagun pure on left. At 12 m. 4 f. a small well. At 13 m. 4 f. across the River and very little here.
		Hussun Ked Gurud	11 0		Good road	Ditto	Plentiful	Village composed of 10 houses, across 10 m. At 1 m. 10 f. h.w. At 2 m. 8 f. across the River. At 3 m. 8 f. h.w.
		Total 2 Muzas		28 04				



TABLE No. 272

## FROM SHIKARPOOR TO KUMHORE

GENERAL DIRECTION, S E

Authorities		Names of Stages	Distances		Road and Soil	Water	Supplies	Remarks
Military	Civil		Stages	Total				
			Miles	Fathoms	Miles	Fathoms		
General Officer Commanding Madras District Kurnool	Collector at Shikarpore	Shikarpore to Kurnool	6 01	8 02	Road marked, small well cleared (100 yds) 11 dusty road; small 12 unbridged creek		10 stops	Moderate & stage with small road but in rain
		Moonstone	12 01	18 11	As above 2 miles	From a small	1 stop	A small village village on the bank of the Krishna a clear 100 yds from the Indian. As 8 m 4/2 over the cleared road from Kurnool to Kurnool Kurnool
	Collector at Kurnool	Ghansapur	18 04	80 12	Good and cleared, 100 yds 100 yds of thick bushes & of road	Small 80 feet deep, 100 yds 100 yds water	10 stops	Small village, occupies all the Ganga Ganga d. at Moonstone by a small 100 yds from with muddy bottom. Below the water is very deep. At 8 m 4/2 over Kurnool with bridge, 10 yds from
		Kyath	7 02	86 0	As above, through thick rocks and thorny trees		8 stops	Small village with small road but across NW. At 8 m 4/2 over Kurnool is 4 m north of Kurnool
		Thakur	17 34	103 34	Small village, 100 yds 100 yds of thick bushes & of road	Small 100 yds 100 yds water	11 stops	A small village on the right bank of the Krishna, occupying ground over 100 yds 100 yds from the Indian. At 10 m 4/2 over Kurnool
		Kurnool P. T.	12 34		As above	From 2 wells and from river in 2 yds which is about 2 yds from the town	Uncultivated, 100 yds 100 yds from Kurnool	Small town. An outpost of the Madras District. The old town was washed away by the Indians in 1857. 100 yds from Kurnool. At 10 m 4/2 over Kurnool
		Total		88 34				
		8 Miles						



TABLE No 273.

## FROM SHIKARPOOR TO ROJAN.

GENERAL DESCRIPTION, NW

Administration.		Name of Stage	Distance.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles A Day Percentage	Miles Percentage				
Military	Civil							
General Officer Commanding Roads District, Excavations	Collector of Shikarpoor and Rojhan	From Shikarpoor to Rojan	13	3	Good road level, through thick jungle small bridged	Good, both and five houses well	Neatly, both rural, for age and in- has about and	A small village, occupying ground NW country quite level, and covered with jungle. At 1 m 21 f road to Jamshedi branch off to the right. At 2 m 48 f a well. At 5 m 41 f Lodra 37 houses 1 shop. At 8 m 0 f a well. At 10 m 73 f Dabhi, 1 f left 8 houses. At 12 m 71 f Uthal 20 houses, 1 shop.
		Jamshedi	11	6	Good, over a level and washed, country cross a shallow soil cut.	Two good built wells, one in the fort.	D the	At 6 m 12 small village occupying ground N. jungle less dense.
		Rojan	11	3	Good over level with try and hilly	Abundant, from wells	Source	Two small walled villages on the border, occupying ground NE.
		Total	35	1				
		3 March.						

TABLE No 274.

## FROM SUKKUR TO BAHAWULPOOR, BY SURZULKOTE.

GENERAL DESCRIPTION, NW

Administration.		Name of Stage	Distance.		Road and Soil	Water	Supplies	Remarks
			Stage	Total				
			Miles A Day Percentage	Miles Percentage				
Military	Civil							
General Officer Commanding Roads District, Excavations	Collector of Bahawalpoor	Sukkur to Rawat	1	8	By water	Abundant	Abundant	Across the Indus.
		Kamruppur	10	6	Made road over heavy clay soil but of re- sponse, thick forested jungle in some places, 8 bridged and 4 unbridged cuttings.	Freshly from and	and shop	28 houses. Occupying ground N. At 4 f crosses Indus with (bridge). At 48 f crosses the Eastern bank small (bridged) 78 yards wide. At 1 m across the Indus State Valley Railway under construction. At 1 m. 1 f road to Shikhar branch off to the right. At 1 m 51 f across the railway. At 1 m 71 f road follows branch off to the right. At 2 m 44 f Chaudhri 8 houses, 1 shop and 2 wells about 2 f right. At 3 m 25 f Mirandahara, 20 houses, 10 shops about 2 f right. At 5 m 51 f Bahawal 8 houses 2 shops. At 7 m 2 f Shikhar Chakra, 20 houses 18 shops. At 7 m 51 f cross a small stream, which the road runs, heavy and sandy, but provides the Artillery
		Control over	11	6				

[illegible]



A substation.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.	
			Stage.	Total.					
Military.	Civil.		Miles.	Percentage.					
RAJASTHAN DIVISION.	District Muzaffargarh at Bahawalpur.	Bahawalpur to ...	1	0	122 24	Good, over an open country.	Abundant, but not very good.	Scarcely.....	A small village, with cultivated surrounding ground on a sandy plain; country partly covered with thick jungle; the rest open.
		Kanabha House ...	2	7	124 24				
		Khyaspur ...	3	1	127 24	Bad in some parts otherwise, and intersected by canals.	Little.	Little.	A small village off the road; surrounding ground some distance from it, good.
		Bahawalpur P. ...	13	2	140 26				
		Total ...			124 41	Very bad, shallow, and heavy for guns; crops several weeks.	Abundant.	Abundant, all kinds.	A large well town. The capital of the Bahawalpur State, irregularly shaped and surrounded by a wall and well stock land, with a quantity of arable; country around very fertile, with numerous fruit gardens. It is celebrated for its manufacture of carpets, &c.
		25 Marches.							

TABLE No. 275. (1)

## FROM SUKKUR TO DEERKANER, BY JEYSULMEER.

GENERAL DIRECTION, E.

A. Substation.		Name of Stage.	Distance.		Road and Soil.	Water.	Supplies.	Remarks.		
Military.	Civil.		Stage.	Total.						
			Miles.	Percentage.					Miles.	Percentage.
General Officer Commanding Bahawalpur Division, Bahawalpur.	General Officer Commanding Bahawalpur Division, Bahawalpur.	Bahawalpur to ...	1	0	1	0	By water.	Abundant.	Abundant.	Across the Indus.
		Bahawalpur to ...	13	0	14	0				
		White or Wham ...	6	41	20	14				
		Dahar ...	18	21	38	27				
		Mintore ...	14	2	52	37				
General Officer Commanding Bahawalpur Division, Bahawalpur.	General Officer Commanding Bahawalpur Division, Bahawalpur.	Getawa or Bahawalpur ...	30	3	82	60	By water.	Abundant.	Abundant.	Table Table No. 122. (7)
		Khawaja or Kama ...	23	4	105	75				
		Kandahar ...	9	0	114	82				
		Chattani ...	12	6	126	91				
		Jaypore ...	14	1	140	100				
		Deerkaner to ...	12	4	152	110				
		Deerkaner to ...	14	0	166	124				
		Deerkaner to ...	18	2	184	136				
		Deerkaner to ...	19	2	203	155				
		Deerkaner to ...	15	0	218	170				
Carried over...					248	190				Table Table No. 122.



TABLE No 275 (2)

## FROM SUKKUR TO BEEKANER, BY KHANPOOR.

GENERAL DIRECTIONS 3.

Authorities		Names of Stages	Distances		Road and Soil	Water	Vegetation	Remarks	
			Stages	Total					
Military	Civil		Miles	Fathoms	Miles	Fathoms			
RANAPUR DISTRICT	British Native Agent at Ranapur	From Sukkur to Ranapur			123 1/2			See Table No 271	
		Mithras	21	0	123 1/2	Head hole and heavy road	Wells of small hard water	Same	A few huts by the wells.
		Shiva hole	40	0	363 1/2	Ditto	Plentiful and good	Plentiful	A good sized village and a khanda; also a small fort.
		Khanpur	31	0	328 1/2	Ditto	Water very soft, some in sand of the wells. East water		A village with a small fort about 40 yards square. The villagers show the sun water for drinking in copper pots holding 200 gallons.
		Rahimpoor or Khanpur	21	0	250 1/2	Ditto	Ditto	Ditto	Ditto
General Officer Commanding Military Division, Bikaner	Agent to the Government General for Bikaner, at Agency	Bikaner	23	0	272 1/2	Ditto	Wells of small hard water	Ditto	About 150 houses in detached groups.
		Jejmer	18	0	238 1/2	Heavy sand hole and level hard track of a few hundred yards.	Head hole	Ditto	Small village surrounded by huts of dead mud.
		Bikaner	23	0	210 1/2	Head hole	Wells of small hard water	Plentiful	Small village.
		Gujarat	20	0	220 1/2	Ditto	Wells of small hard water	Plentiful	A large village; a hunting residence of the Maharaja of Bikaner.
		Bikaner	18	0	202 1/2	Ditto	Plentiful	Ditto	The capital of the Gujarat State.
		Total			643 1/2				
		26 Miles							

TABLE No. 276.

FROM SUKKUR TO DERA GHIAZEE KHAN, BY KUSHMORE AND MITHUNKOT.

GENERAL DIRECTION, NE.

Authority.	Name of River.	Distances.		Road and Path.	Water.	Surplus.	Remarks.
		Stage.	Total.				
Survey.	Crill.	Miles.	Miles.				
		From Sukkur to Dera Ghazee Khan.	10 0	Good cleared road.	Good	Moderate	Exceeding ground high and steep, but not bad.
		Mera Nara	17 0	None	None	None	None
		Glasper	14 8	None	1 well 8 feet deep, 10 steps with 8 ft. of water.	None	Small village; meeting NE.
		Holvi	7 0	None	None	None	None
		Bahar	17 0	None	None	None	None
		Kushmore	13 0	None	None	None	None
		Mithunkot	12 0	Good trade road.	Thick, but water not good.	None	An old sarap. Exceeding ground low and good.
		Kho	10 0	Partly road. The rest good as a path.	None	None	A small place; exceeding ground high.
		B-Joon	2 0	Acacia through Akbarabad but not good.	None	None	A small village; exceeding ground low and good.
		Baranpur	10 0	Good fair.	Source	Source	An old sarap; exceeding ground high.
		Baranpur	7 0	None	None	None	An outpost of Gera; exceeding ground low and good.
		Mithunkot	10 0	None	None	None	A village; exceeding ground low and good.
		Mithunkot R.P.	4 0	None	Abundant	Abundant	Some on the right bank of the Indus just before the confluence of the Panjnad or the stream carrying the melted waters of the Panjnad river; and the Indus. Population about 4,000. Exceeding ground good.
		Baranpur R.P.	12 0	Good very fair	None	None	A small settlement.
		Talpur	10 0	Good trade road	None	None	A village; exceeding ground good.
		Mithunkot	15 0	None	None	None	A village; exceeding ground good after heavy rain the road is liable to inundation.
		Jampr	10 0	None	None	None	A village; exceeding ground high.
		Chandali-Kot	18 0	None	None	None	A small village; exceeding ground good. At 11 m. S. of Mithunkot, a large village.
		Dera Ghazee Khan R.P.T.	14 0	None	None	Abundant	A commercial and small civil station.
		Total	220 0				
		19 March.					

TABLE No 277.

## FROM SUKKUR TO IMANGURH, VIA DIBBLE KA KOTL.

GENERAL DIRECTION E.

Authorities		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Perchages	Miles	Perchages				
General Officer Commanding Madras District, Karaikal.	Collector at Chittoor.	Walker to Beres	1	6	1	0	By water	Abundant	Abundant	Across the Indus
		Beres to Kots	8	1	9	7	Good road, some (1/2) of road over mud hills, heavy for guns; military use not recommended	Abundant as if	Delto	A small fort on the walls of which is the village of Imangurh surrounded by a ditch at 3 or 4 ft. the village of Palice then (1/2) of road hills; then jungle country until Nussur hills in Kots, well cultivated
		Kharapur	11	1	21	8	Excellent	12 wells	Delto	A large village - post comes out into the river at 8 or 10 ft.; country no longer cultivated, resembles a barren plain.
		Dagga in Kots	10	7	31	2	Good	Abundant	Delto	A fort on a hill, but consumed by another hill; country highly cultivated, and all trees.
		Channai	13	0	44	3	Difficult, over and over, sandy from one side of road, water on the dry bed of the Indus river	no water	Delto	A small village. At 2 or 3 miles (to plain) and later the low range of hills that runs from Beres, after which a narrow road and hills; and 1/2 of road for guns; at 1/2 of the dry bed of the Indus, which the in the last season, during the construction of the Indus, country quite uncultivated
		Channai	8	0	52	3	Very heavy for guns in some places over 12 ft. road hills, but good in the hollows.	Abundant	Delto	A small village about 1/2 or 3 miles from Channai, the village of Beres about half a mile to the right; no cultivation, country consists of small hills with intervening places covered with large trees.
		Mira river	11	0	63	3	Generally (1/2) of road heavy and over road hills	Two (two) wells and 1/2 dugging about 100 feet to the bed of the river.	Delto	At 6 or 7 miles (to plain) the well is supplied, no cultivation; in some of the hills there is no road, it is fine clay, with large large trees.
		Kot	18	0	81	3	Heavy mud hills by Mira River; 10 ft. 8 in. there but for one and a half miles.	By Kharapur; 10 ft.	Delto	Country uncultivated, no supplies possible in the neighbourhood.
		Kharapur	11	0	92	3	Over a succession of mud hills, which are 10 ft. after 1/2 of road hills.	One well of good water, which now fills after heavy rains.	Delto	3 barabans, 1/2 mile, country and supplies to above. The good land to be dugged over many of the mud hills to be land.
		Padra	8	0	100	3	Generally on hills but heavy and track good in one or two places at the 10th and 11th miles.	One well of good water from one well.	Delto	A few hills, country and supplies in the jungle timber in the clay hollows.
		Imangurh	0	0	100	0	Good over mud hills	Also land in one good well (mud) and two tolerable wells; the water also is good, with mud and a half mile 1/2 ft. and one and a quarter mile 1/2.	Delto	A fort of mud hills, destroyed by the British in January 1840. Country is barren, a plain to the S. of the fort, probably very much salt, with a grove of trees on it; all the water in the vicinity is salt.
Total					118	0				
11 Marches										

Notes.—This route from Dagga in Kots was traversed by a detachment of Her Majesty's 23rd Regiment, on camels, under the command of Major Charles Napier in January 1841.



TABLE No. 278.

## FROM DADUR TO QUETTA BY THE BOLAN PASS.

CENTRAL DIRECTOR, N.W.

By Captain A. R. STODOLSKY. Feb. 1900.

Audience		Name of Stage	Distance		Road and Soil	Water	Supplies	Remarks		
Military	Civil		Stage	Total						
			Miles	Fathoms						
		From Dadur to Camp to Khamil-lah	9	31	8	81	Made road, second-class	First-class from the Bolan river.	None, except for animals.	At Khamil-lah is a British camp, N. E. of which is a good occupying ground. After leaving Dadur, bridges over irrigation canals are crossed at 1 1/2, 1 1/2, 1 m. 7/8, and 8 m. 11/16, at last bridge the new road to the Railway Station, distance 10 m. 71/100, branches off. At 8 m. 1/2, water the Bolan bed, 400 yards wide, water stream about 15 yards broad and 2 feet deep; the river bed is stony, banks clay. River occasionally undercuts a low wall, after two or three days heavy rain. At 8 m. 11/16, pass Fort Chabro, thence enter the Bolan Pass; the river is crossed 5 times between this place and Khamil-lah.
		South Khamil-lah	7	4	10	91	Date also River crossed also here.	Date	Date	A halting stage on the south end of the Khamil-lah plain above the level of the river bed. At 8 m. 8/10 from Khamil-lah pass a channel of the Bolan. After leaving Khamil-lah the pass gradually narrows, till at 2 m. it is only about 80 yards broad, after which it is a dense net, the hills on both sides being high but generally accessible.
		North Khamil-lah	4	41	21	111	Road good	Water plentiful from stream and from river about a mile from camping ground.	None, except for animals.	A bungalow and kitchen, to the west of which is the village of Kirta, consisting of about 50 houses. Camping ground to the north-west of the bungalow.
		North Khamil-lah	7	8	28	118	Road good with a few small waterfalls.	Water plentiful from stream.	None	Camping on Kirta plain, ground stony. At 6 1/2, the last path to old Bolan bungalow. Water abundant crossed at 1 m. 41/100, 1 m. 8/10, and 7 m. 3/10.
		North Khamil-lah	5	8	33	123	Road good, the right-hand side is a steeply ascending.	Water plentiful from stream.	None	Good open occupying ground, but stony on a severe side of the road. Dry gullies crossed at 8 1/2, 4 m. 11/100, 4 m. 8/10, and 8 m. 4/10.
		North Khamil-lah	8	11	41	131	Road good, with a few small waterfalls.	Abundant, from Bolan river.	None	At March are some small huts, kitchen, and a Telegraph and Post Office; at 7 m. 11/100, descend into the Bolan river bed from which cross March plateau, on which are occupying ground and Communication and Transport Depot.
		North Khamil-lah	3	81	44	134	Road trying to be built, on account of ancient and modern waterfalls.	Abundant, from perennial spring on right side of river bed.	None	On leaving March plateau descend into and cross the Bolan river bed, 400 yards broad, but stony. At 8 1/2, pass Fort and Telegraph Office, after which is a heavy mass to get on to high ground. At 8 m. 11/100, pass old Sir-i-Bahar guard post and descend into Bolan river bed. Occupying ground on high ground near spring.
		Lower Dacca	5	2	23	139	Road trying to be built, on account of ancient and modern waterfalls.	Water is brought artificially by an aqueduct from Upper Dacca.	None, except for animals.	A bungalow and kitchen occupying ground which is on both sides of the road. At 8 m. 8/10, water across part of pass, which is 80 to 100 yards wide. Hills steep on both sides.

Antecedent		Name of Stage	Distance		Road and Soil	Water	Supply	Remarks
			Stage	Total				
Mileage	Cart		Miles	Feet				
		Brought over		222	1			<p>would be the top is reached where the road crosses over a low hill forming rather a sharp curve and descends into the "Valley of wretchedness"; the road here lies over a level plain covered with wild thyme and various flowers for about 2 miles. Elevation of the country, passed 4,000 feet. From the end of July to the middle of September the country is unfavorable for the movement of troops through the Bolan pass as during this time there are usually floods on the hills of rain, causing the river to swell; besides this the land during these months is unproductive; there is no chance from the sun, and even the nights are oppressively warm. Apples and grain are not yet available in the pass on any ascending stream (like the lower mountain) but I have both for men and horses. Grass and forage for animals are generally procurable; the growth is a long coarse kind and the usual forage is a peculiar description of shrub called "Horn" and another "Tree" used for strengthening and a good substitute for corn (here it is).</p> <p>Barley, wheat, rice, sheep, goats and mules are in profusion from the end of the hilly country; from Kurin and adjacent villages large quantities of rice are obtainable. Dacca, with Bhak and other places could furnish an array of 200,000 men with provisions for many months.</p> <p>The Bolan route is a road proceeds but five miles from the river; there are however many dips from it which do not exist in the Gura, Bhera and Khyber routes; if the road runs down the hills, grass and forage are badly deficient. Between Bhakpore and the mouth of the pass water is very scarce; one week of 20 miles is over a wet desert; the cattle feed is exposed to floods during winter and in the hot season is unobtainable and the river, up of about 100 miles to the "Gurab Ghat" would leave the sides of marsh without water.</p>
		See above	15	4	225	5		<p>The country is covered with wild thyme and other shrubs partial cultivation near the lake.</p>
		Quinta or Kat	8	7	232	4		<p>Quinta the chief town of the valley of Shind is pretty situated in the centre of the valley with hills on all sides except about 4 miles the town is small surrounded by a mud wall. There are two rivers, one in the W and the other in the E side. The latter is built on an eminence in the centre of the town. The river Hara, which enters the valley through a small gorge about 4 miles N.W. of Quinta affords abundance of water. Elevation 5,000 feet. The road lies over rather a hilly valley later crossed by numerous water courses, villages, gardens and orchards with a good deal of cultivation are scattered about. The Ghat road runs through Quinta.</p>
		Laponghe	8	4	240			A large village
		Bury Hara	7	6	247			Two or three small villages 3 or 4 miles to the east on the right, towards the hills.
		Karak Lalwan	12	4	259			A few hills near an aqueduct the village of Karak is 25 miles to the SW. Country well cultivated.
		Carried over			279	4		

Authorities.		Names of Stages	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.		
			Stage	Total						
Military	Civil.		Miles.	Portage.	Miles.	Portage.				
Bengal Government—Military Transport	Published Agent at Khokai	Brought over			178	4				
		Moostang	16	2	220	0	Road good to Terve	Abundant	Abundant	A large walled town. many villages near country well cultivated. At 11 m. pass Terve, a large village.
		Marwan ab	11	0	300	4	Road good	Idio		Marwan is the head of the Marwan-ah, a small stream, no village near; country well cultivated.
		Dak Mahomed Salwana	9	3	309	7	Idio	From an aqueduct.		A small village
		Idio	13	3	322	1	Idio	Idio		Eight small villages, situated in a well cultivated valley
		Burra Chano	9	6	331	6	Idio	Idio		Two or three small villages situated about on a well cultivated and extensive plain.
		Gurawa	17	7	348	3	Idio	Plentiful	From Khokai	A small village and aqueduct. Country a well watered valley with several villages. No water procurable between Burra Chano and Gurawa.
		Khokai	8	3			Idio	Abundant	Abundant	A large only the residence of the Khan of Khokai, occupying 2 on a plain, among gardens and extensive. At 9 m. 3/4 pass the large village of Syrat
		Total			367	7				
		30 Marches								

TABLE No. 279

## FROM SURAT TO BROACH.

## GENERAL DIRECTION N

GENERAL INSTRUCTIONS

Authorities		Names of Stages	Distances				Road and Soil	Water	Supplies	Remarks
			Stage		Total					
Military	Civil		Miles	Portage	Miles	Portage				
General Officer Commanding Baruch District - Amritsar	Collector at Baruch	Baruch Chikrasani to Baruch	13	4	13	4	Made road for 5 m. The roads and walls and a cart track		Moderate	<p>A large village. Occupies 2 m. a large wall. At 1 1/2 miles the town of Baruch by the Otan gate and pass through for about 2 miles. At 2 m. 1/2 cross the Tapti river about half a mile wide by a deep bed at low water or by boats at all times. To Varnar a large village with 3 dharmas on the N bank. Pass Baruch at 9 m. and Baruch at 11 m. 3/4.</p>
		Kira Chikrasani to Kira	7	1	13	5				
	On approach	13	14	21	19					
	Baruch	9	14							
	Collector at Baruch	Total				29	6			
4 Marches										

## FROM SURAT TO SHWAUN, BY "HOPPE'S BRIDGE" AND RANDEE

		Baruch Chikrasani to Baruch	14	2	14	2	Made road for 5 m. 4/5 The roads and walls		Moderate	A large village. Occupies 2 m. a large wall. At 1 1/2 miles the town of Baruch by the Otan gate and pass through for about 2 miles. At 2 m. 1/2 cross the Tapti river about half a mile wide by a deep bed at low water or by boats at all times. To Varnar a large village with 3 dharmas on the N bank. Pass Baruch at 9 m. and Baruch at 11 m. 3/4.
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TABLE No. 280.

## FROM SURAT TO CAMBAY, BY BROACH AND DEHWAN.

GENERAL DIRECTION, N.W.

Authorities		Name of Stage.	Distance.		Road and Soil.	Water.	Supply.	Remarks.
Military.	Civil.		Stage.	Total.				
			Miles. Postage.	Miles. Postage.				
General Officer Commanding Madras Division, Alumbahad.		Collector of Broach.	From Surat to Broach.	18 4	18 1			File Table No. 27.
			From Chokri .. ..	7 1	25 6			File Table No. 28.
			Omachwala .. ..	18 24	43 0			
			Broach .. ..	6 0	49 6			
			Kahela .. ..	18 4	68 1			
			Alumbad .. ..	11 8	84 4			
			From Ambar .. ..	6 8	93 7			File Table No. 4. (B)
		Collector of Kutch.	From .. ..	8 4	102 1			
			Dehra .. ..	8 8	110 9			
			From Dehra .. ..	16 7	126 1			
			Total .. ..		126 1			
			10 Marches.					
								A large walled town, the residence of a J. at the head of the Gulf and north of the river. First office, good water pond near the factory on the bank of the river of the English, built ground. It is 7 1/2 miles. 1,000 shops, 3 wells, and a tank. At 6 p.m. 12,000 houses, 4 shops, 8 wells, a tank. At 7 p.m. 7 1/2 miles, 20 houses, and a small tank, no supplies. At 10 1/2 p.m. 400 houses, 12 shops, 1 well. At 11 p.m. 1/2 miles, 100 houses, 2 wells and 8 shops. Country cultivated, largely near Wadi.

Table No. 373 B  
From SUKUR to IMANIGARE.  
By DUJ-KA-KOT.  
GENERAL DISTRICT B-K.

Information.		Distances.				Road and Soil.	Water.	Supplies.	Remarks.		
Village.	C.M.L.	Name of Stage.	Stages.		Total.						
			M.	F.							
General Officer Commanding, 10th Div., Kumbhari.	C.M.L.	Bokri	1	0	1	0	By water	Good	Abundant	Across river Indus	
		Madr Khari ka kot	8	1	9	7	Do	Do	Do	A small fort. Country round Madr Khari ka kot well cultivated.	
		Khairpur	11	4	21	1	Do	Do	Do	A large village.	
		Daji ka kot	10	7	20	8	Difficult, except for big water, when horses descend by hard N	Do	Do	Do	A fort on hill surrounded by another hill.
		Gharodia	22	0	22	3	Do	Do	None	A small village.	
		Madr River	30	0	30	3	Do	Do	Do	Country unsurveyed. No supplies possible in neighbourhood.	
		Lak	28	0	28	3	Do	Scarcely	Do		
		Mitri	11	0	11	3	Do	Abundant	Do	A few huts only.	
		Padri	8	0	8	3	Do	Scarcely and brackish.	Do		
		Imanigari	6	0	6	3	Do	Abundant, slightly salt	Do	Old fort of burnt brick.	
		10 Marches									

Table No. 377 B.  
From WARDEHA to OHANDA.  
By WARORA.  
GENERAL DISTRICT B-K.

Administration.		Name of Stage.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
Village.	C.M.L.		Stages.		Total.					
			M.	F.	M.	F.				
General Officer Commanding, 10th Div., Kumbhari.	C.M.L.	Bomgaon r.s.	10	0	10	0	.....	.....	.....	For remarks see Table No. 310 B.
		Bomgaonhat top of hill, r.s.	10	0	20	0	.....	.....	.....	
		Nagri	10	0	30	0	.....	.....	.....	
		Chitral	8	0	38	0	.....	.....	.....	
		Waruna top of hill, r.s.	8	0	46	0	.....	.....	.....	
		lak	12	0	58	0	.....	.....	.....	
		.....	16	0	74	0	.....	.....	.....	
Total										